



west virginia department of environmental protection

Division of Water and Waste Management
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Austin Caperton, Cabinet Secretary
www.dep.wv.gov

July 30, 2018

ROBERT J. FEHRENBACHER
THE CHEMOURS COMPANY FC, LLC
PO BOX 1217
WASHINGTON, WV 26181

CERTIFIED RETURN RECEIPT REQUESTED

Dear Permittee:

Enclosed please find WV/NPDES Permit Number WV0001279 dated July 30, 2018.

Chemours' comments were received by letter dated June 18, 2018. The following is the agency's response to these comments regarding the draft permit that went to public notice on April 19, 2018.

Comment No. 1 : Request update and resubmit permit renewal.

The permittee was made verbally aware that the permit would be expeditiously processed for renewal in January 2018 and further received an advanced copy of the draft permit at their request on February 9, 2018 prior to the permit being sent to public notice for which the permittee subsequently submitted comments and said comments were discussed in a subsequent meeting requested by the permittee on February 23, 2018 approximately 2 months prior to the permit being sent to public notice (April 19, 2018). The public comment period originally closed on May 19, 2018 and was extended an additional 30 days upon the permittee's request and ultimately closed on June 19, 2018. Therefore, the permittee had approximately 6 months to submit any updates that were relevant to the draft permit concerning flow routing and flow quantities. Contrary to the comment letter, the agency relied on revised flow information submitted from the permittee via email on November 9, 2016 and a subsequent update on January 18, 2017 and not based upon flows provided by the permittee in 2011 as stated. The agency was not made aware of significant changes between 2017

and present (other than minor corrections provided in the comment letter) that would justify using different flow quantities in the evaluation of OCPSF Effluent Guideline Limitations (ELGs). In addition, the information provided in the comment letter is limited in nature and not substantive. Instead, it appears that the permittee has chosen to focus on requesting a site-specific mixing zone. As such, the agency believes that the current limitations are appropriate and, except for the minor changes noted below, no further revisions have been made.

Comment No. 2 : Request to use human health protection level of 17.5 ug/l for HFPO-DA.

As stated in the fact sheet, while a value of 17.5 ug/l was determined protective of human health and the environment in 2012 based on the limited toxicological studies available at that time, Consent Order No. 7418 provided for a re-assessment of effluent limitations based upon new studies or information regarding HFPO-DA. New information is now available regarding HFPO-DA. This new information is being utilized in this permit reissuance to assess legacy as well as current HFPO-DA levels contained in discharges in this permit. The agency has determined that the 17.5 ug/l value is no longer considered protective of human health and the environment for HFPO-DA and that 140 ug/l is the appropriate level necessary to protect human health and the environment. The agency believes the limitations in the permit are appropriate and therefore no revision to the permit has been made.

Comment No. 3 : Request to recalculate permit limits with LimnoTech mixing zone applied and re-issue draft permit.

Please note that the agency has informed the permittee that it would not consider any additional information for a site-specific mixing for this permit reissuance since the permittee notified the agency in October 2017 that it would be pursuing a mixing zone study. As noted by the permittee, the permit reissuance has taken long enough to be reissued. Additionally, the permittee in October 2017 noted that it would not be using the agency's normal EPA and WVDEP endorsed mixing zone modeling approach (CORMIX). Rather, the permittee would be using an open source model that the agency has never used. As such, the agency further emphasized that this would even further delay the reissuance of the permit due to the greater amount of time that the agency would need to assess any proposed site-specific mixing zone once the permittee had completed and submitted the study. The agency has informed the permittee from the beginning that any site-specific mixing zone assessment would not be assessed with the permit reissuance and that the permittee could submit the site-specific mixing zone in a major permit modification request for agency consideration. In

addition, a 3-year compliance schedule has been granted to meet the final effluent limitations for PFOA, HFPO-DA, and temperature. The agency believes sufficient time has been allocated to approve or deny any subject permit modification request during the term of the upcoming compliance schedule. Again, the mixing zone model was completed using a non-approved EPA modeling system, the assumptions and algorithms of which may take a significant amount of time for the agency to review and approve depending on their complexity and validity. As such, the mixing zone study has not been considered with the draft permit. The permittee may re-submit the mixing zone request, via a major modification, as a potential method of compliance in the corrective action plan required by the compliance schedule.

Comment No. 4 : Request utilization of 0.07 ug/l for PFOA and 17.5 ug/l human health values and mixing zone for WQBELs for Outlets 001, 002, 003, 005, and 007.

As detailed above, the agency believes that the human health values in the permit are protective of human health and the environment until such time that new information becomes available. See response to Comment No. 3 regarding the site-specific mixing zone. No revisions to the permit have been made.

Comment No. 5 : Request default value of 30:1 mixing zone for human health be used for HFPO-DA WQBEL calculation.

July 30, 2018

While the harmonic mean stream critical condition was approved for use by the State of West Virginia for all human health-based water quality criteria, Section 5.2 of the 2015 ORSANCO Pollution Control Standards specifies that harmonic mean stream flow is to be only used for substances identified as human carcinogens and all other human health criteria are assessed using the 7Q10 flow. To the agency's knowledge, HFPO-DA has not been identified as a human carcinogen and therefore the 7Q10 stream flow must be used for calculation of WQBELs and assignment of default mixing. As such, no revision to the permit has been made.

Comment No. 6 : Typographical error for HFPO-DA maximum daily limit at Outlet 006.

This has been corrected and Section A.006 has been revised in the final permit.

Comment No. 7 : Request data set, CVs, and calculations for WQBELs for PFOA and HFPO-DA.

A default CV value of 0.6 was used for the following: HFPO - Outlets 001, 003, 006, and 007; PFOA - Outlets 003 and 007. The data used for these pollutants at the aforementioned outfalls ranged from 1 data point to 3 data points based upon the supplemental information supplied by the permittee. All remaining CVs were calculated in accordance with the lognormal procedures contained within the TSD using 35 effluent data points taken from DMR data from January 2015 through November 2017.

Comment No. 8 : Request calculations of chronic toxicity action level.

In regard to the noted discrepancy for chronic toxicity, the permittee is designating the number of samples as one while the DWWM uses four samples per month for aquatic life water quality criteria. The use of four samples per month in the assessment results in an average monthly value of 4.5 TUc.

Comment No. 9 : Request TRC be eliminated at Outlets 003, 006, and 007 or provide basis for limitations at these outlets.

The agency has historically presumed reasonable potential for TRC where TRC is being used or created due to the CEL reporting requirements for this pollutant.

Comment No. 10 : Request 2-year compliance schedule at Outlet 001 for TRC.

The agency has granted a two-year compliance schedule at Outlet 001 for TRC in the final permit.

Comment No. 11 : Request site specific mixing zone for temperature at Outlet 007.

Please see the response to Comment No. 3 above.

July 30, 2018

Comment No. 12 : Request re-evaluation of 3,4-benzofluoranthene WQBEL considered provided stream background data.

Considering the provided background data, the WQBELs for 3,4-benzofluoranthene were recalculated using a default mixing zone and compared to the 40 CFR 414 ELGs. The calculated WQBELs increased but are still more stringent than the ELG limitations and therefore must be imposed. Sections A.002 and A.005 have been revised.

Comment No. 13 : Request recalculation of OCPSF ELGs based on 2011 data.

As noted above, the agency used updated flow information provided by the permittee on November 9, 2016 and a subsequent update on January 18, 2017 to calculate the ELGs. The permittee has not provided any new data (other than minor corrections provided in the comment letter) and therefore the agency believes the calculations provided herein are appropriate.

Comment No. 14 : Request an enforcement action and 3-year compliance schedule for BOD5 at Outlet 005.

The permittee may contact the Environmental Enforcement group if they believe the limitations are not achievable.

Comment No. 15 : Request suspension of the resampling requirement for acute toxicity until ammonia reductions can be realized in the effluent at Outlet 002.

There are not any acute toxicity limitations imposed at Outlet 002. Therefore, at present, there is no potential to be in noncompliance with any limits. The toxicity language contained in the permit is contained for instances where the permittee reports a toxicity value above a certain threshold which triggers additional retesting. The permittee is speculating that it may exceed this level due to ammonia nitrogen levels when there may not even be an exceedance of the toxicity threshold regardless of ammonia nitrogen levels. If the permittee exceeds the threshold, the agency cautions only looking at ammonia nitrogen as it may be another pollutant or combination of multiple pollutants that results in an exceedance. No revisions have been made in final permit.

Comment No. 16 : Requests WVDEP provide additional discussion in the Fact Sheet such that internal outfall locations, sources, and flow are clearly identified.

As referenced in the Fact Sheet, the internal outfall locations are compliance points that are intended to represent the process wastewater flow portion (including steam condensate and other 40 CFR 414 allowed process wastewater) of the total wastewater from each individual manufacturing unit. Where these compliance points are physically located and whether physical flow measurement equipment can be installed is to be determined by an evaluation by the permittee as stated in Section B of the permit. While physical measurement equipment is preferred which captures the relative wastewaters from each area subject to 40 CFR 414, the agency recognizes the difficulty of retrofitting decades old facilities and Section B of the permit allows submittal of alternatives to physical equipment. As long as any alternative satisfies the intent of providing a scientifically/mathematically sound method of reporting flow from each individual manufacturing unit, then flow reporting for Section A will be satisfied.

Comment No. 17 : Recalculate OCPSF limitations adjusting for for removal of the double counting of Butacite/Polyvinyl Butyral and bio-oxidation pond flow rates at Outlet 105.

The OCPSF limitatons have been recalculated based on the suggested adjustments and Section A.105 has been revised.

Comment No. 18 : Request 2-year compliance schedule to attain compliance with OCPSF TSS limitation at Outlet 105.

The TSS limitation is prescribed by 40 CFR 414 of the Effluent Limitation Guidelines. The statutory deadline for compliance with these limitations has passed and therefore a compliance schedule cannot be granted. No revision has been made.

Comment No. 19 : Request 2-year compliance schedule for metal bearing wastestream limitations for zinc at Outlet 105.

The zinc limitation is prescribed by 40 CFR 414 of the Effluent Limitation Guidelines. The statutory deadline for compliance with these limitations has passed and therefore a compliance schedule cannot be granted. Please note that the limitations have been increased in the final permit based upon the correction made per Comment No. 17. No revision has been made.

Comment No. 20 : Request application of 40 CFR 414 Subpart F for the formaldehyde manufacturing unit and include and additional 5,300 gpd for a DuPont Zytel expansion project.

The suggested addition of Subpart F flows has been made. Section A.105 has been revised. The additional wastewater flow from the DuPont Zytel unit cannot be added at this time. Antidegradation rules require the establishment of Baseline Water Quality (BWQ) for all new or expanded discharges and a Tier 2 antidegradation review. Please contact Renee Clevenger of WVDEP to discuss the process to establish BWQ.

Comment No. 21 : Request compliance schedule for TSS and BOD5 at Outlet 205 to assess whether additional treatment is required.

The TSS and BOD5 limitations are prescribed by 40 CFR 414 of the Effluent Limitation Guidelines. The statutory deadline for compliance with these limitations has passed and therefore a compliance schedule cannot be granted. No revision has been made.

Comment No. 22 : Request ELGs from Outlet 205 be imposed in lieu of at Outlet 005 since Outlet 005 has the least amount of dilution due to cooling water.

As indicated in the fact sheet, the appropriate monitoring location for compliance with the ELGs are at each discharge from the respective Internal Outlet. The only reason the agency has considered Internal Outlet 205 is because the permittee indicated difficulties in measuring/sampling directly from these internal outlets. Internal Outlet 205 serves as a consolidated location where compliance can be measured. Contrary to the permittee's comments, any additional flows introduced that are not subject to the original compliance location that was attempting to be measured will do nothing but further exacerbate the potential for masking. No changes have been made to the final permit.

Comment No. 23 : Request flow measurement calculation language be copied for Section B and imposed in Section C.

Section B has been revised to indicate that a request with supporting engineering calculation (minor modification) must be submitted to remove the measurement requirement from the listed outlets. If the agency approves the request, appropriate language will be included authorizing the use of the proposed calculation in lieu of direct measurement.

Comment No. 24 : Request BPJ limits for TSS and TOC for Outlets 001, 002, 003, 005, 006, and 007 be withdrawn. (multiple comments)

The permittee repeatedly commented that the imposition of BPJ limitations in the permit are not needed. As stated clearly in the fact sheet, BPJ limitations for TSS and TOC are necessary to ensure proper / operation and maintenance of the facilities' treatment systems and where treatment has not been installed to either control solids or prevent leaks / fugitive discharges into the facilities' non-contact cooling water systems via BMPs. A review of the discharge monitoring reporting does not show a clear indication that adequate operation, maintenance, pollution prevention, and waste minimization practices are occurring as indicated by the permittee. In addition, information included with the permit renewal application and subsequent updates does not indicate that a complete and valid mass balance accounting for the significant number of input sources and types (i.e. groundwater) and their effect on discharge concentrations is present and consistent with the intent of 40 CFR 125.3. Therefore, the agency believes the limitations are appropriate. The 95th and 99th percentiles are suggested by the TSD in BPJ based calculations and the agency believes it is appropriate. Since DMR outlet data was used for the BPJ evaluation, intake levels of both TSS and TOC were accounted for in the limitation calculations. Absent a completed and valid mass balance (TSS and TOC) of the intake system, a net-based limitation cannot be applied.

Comment No. 25 : BOD5 vs TOC at Outlet 002 and 005

The agency disagrees that BOD5 and TOC are equivalent indicators. While BOD5 and TOC can be very consistent in a domestic wastewater scenario (sewage treatment and / or residential stormwater), their profiles at Organic Chemicals, Plastics, and Synthetic Fibers facilities can be and has been shown to be drastically different on even an hour to hour basis. It should also be noted that while BOD5 requires 5 days to analyze, TOC can in many cases be analyzed in less than 10 minutes thus making it an ideal parameter to detect leaks in cooling water systems or bypass / pass through of wastewater treatment systems. The outlets in which BPJ TOC limitations have been applied all contain cooling water discharges and other wastewaters. Since DMR outlet data was used for the BPJ evaluation, all wastewater flows including storm water were represented in the BPJ limitation calculations.

Comment No. 26 : Request elimination of Outlet 115. (multiple comments)

Based upon the information provided, the agency has removed Internal Outlet 115 from the final permit (and the associated monitoring and limitations). Please note that an effluent limitation for fecal coliform may be imposed at Outlet 005 in the future due to a source of the wastewater being discharged from Outlet 005 containing sanitary wastewater.

Comment No. 27 : Request Outlets 013 and 028 be eliminated from the permit.

The agency has reviewed the information submitted with the comment letter and determined that the potential for these outlets to contribute pollutants to their respective receiving streams is de minimus. Therefore, monitoring at these outfalls has been removed from the permit. Please note that if in the future these outlets are modified or are observed discharging into waters of the State, the permittee shall apply for a major permit modification impose monitoring requirements in the permit. Section C.35 has been added for clarification.

Comment No. 28 : Request reduction of monitoring frequency for flow at internal outlets 102, 125, 305, 405, 505, 605.

The agency believes the imposed monitoring frequency is appropriate. The agency has only received aggregate average values for manufacturing area flows in the past and has not been given the opportunity to review the variation in the water usage to determine if less frequent monitoring is appropriate. Also, as stated in the permit's Fact Sheet, there is a significant potential for masking effects due to the large amount of cooling water utilized at the site. Therefore, until the permittee generates a sufficient database of values for review, the agency believes 1/week monitoring is appropriate. No revision to the permit has been made.

Comment No. 29 : Request monitoring frequencies of 1/6 months for all storm water outlets / all parameters.

Quarterly monitoring was imposed for those pollutants for which the permittee was exceeding benchmark values, pollutants that could contribute to benchmark exceedances, and for HFPO-DA and PFOA. The agency believes that these pollutants need to be monitored as imposed. Once the permittee has properly addressed its SWPPP, the permittee can qualify for the waiver requirements in Section C. Please note that waiver requirements do not apply to PFOA and HFPO-DA.

July 30, 2018

Comment No. 30 : Request revision to Section C.4

Section C.4 has been revised per some of the permittee's comments. Please note that the permit is a joint WV Water Pollution Control Permit and an NPDES Permit.

Comment No. 31 : Request revision to Section C.5

Revisions to Section C.5 have been made.

Comment No. 32 : Request revision to Section C.10

Section C.10 has been revised per some of the permittee's comments.

Comment No. 33 : Request revision to Section C.14

The agency believes the current benchmark approach is appropriate. The permittee may pursue a metals translators for storm water discharges at any time; however, the benchmarks in the permit are prescribed in total recoverable form. Metal translators may be pursued by the permittee for any discharge, but are up to the permittee to pursue. The permit does not need to provide permission for a permittee to pursue a translator study.

Comment No. 34 : Request revision to Sections C.19 and C.20

The permittee may perform a study comparing the two different methods of sample collection at each outlet and submit the results, via a major permit modification request, for evaluation.

Comment No. 35 : Request revision to Sections C.21 and C.31

The agency concurs that Sections C.21 and C.31 are both redundant and confusing. Section C.21 only applies to sewage sludge and this has been deleted from the final permit (the placeholder for the condition remains and is labeled as "reserved"). The permittee does not need to resubmit disposal protocols for previously documented disposal. However, re-approval is required if the permittee changes its disposal protocol. Section C.31 has been revised in the final permit.

Comment No. 36 : Request revision to Sections C.25

The requested change has been made.

Comment No. 37 : Request revision to Sections C.26

ROBERT J. FEHRENBACHER

Page 10

July 30, 2018

If you have any questions, please contact Matt Sweeney, P.E. of this Division at (304) 926-0499 at extension 1019, or by email at matthew.l.sweeney@wv.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "S. Mandirola", written over a horizontal line.

Scott G. Mandirola
Director

SGM:ms

Enclosures

Permit Number: WV0001279

Permittee: THE CHEMOURS COMPANY FC, LLC

cc: Env. Insp. Supv.
Env. Insp.
ORSANCO
US EPA



STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF WATER AND WASTE MANAGEMENT
601 57TH STREET SE
CHARLESTON, WV 25304-2345

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
WATER POLLUTION CONTROL PERMIT

NPDES PERMIT NO.: WV0001279

SUBJECT: Industrial Waste

ISSUE DATE: July 30, 2018

EFFECTIVE DATE : September 01, 2018

EXPIRATION DATE: July 29, 2023

SUPERSEDES: Permit No. WV0001279

dated August 04, 2003;

Permit No. WV0116581

dated August 26, 2011

LOCATION: WASHINGTON

(City)

Wood

(County)

Middle Ohio River 2

(Drainage Basin)

See the next page for a list of Outlets.

TO WHOM IT MAY CONCERN:

This is to certify that: THE CHEMOURS COMPANY FC, LLC
PO BOX 1217
WASHINGTON, WV 26181

is hereby granted a West Virginia NPDES Water Pollution Control Permit to:

operate and maintain disposal systems and best management practices for the direct discharge of non-contact cooling water, storm water, groundwater, and filter backwash wastewater via Outlet 001 into the Ohio River near Milepoint 190.1.

Also to operate and maintain a treatment and disposal system and best management practices for the direct discharge of treated industrial wastes (process wastewater, non-contact cooling water, steam condensate, boiler blowdown, and storm water) via Outlet 002 into the Ohio River near Milepoint 190.2.

Also to operate and maintain disposal systems and best management practices for the direct discharge of non-contact cooling water, storm water, and steam condensate wastewater via Outlet 003 into the Ohio River near Milepoint 190.3.

Also to operate and maintain a treatment and disposal system and best management practices for the direct discharge of treated industrial wastes (process wastewater, non-contact cooling water, steam condensate, sanitary wastewater, cooling tower blowdown, and storm water) via Outlet 005 into the Ohio River near Milepoint 190.8.

Also to operate and maintain a disposal system and best management practices for the direct discharge of non-contact cooling water, storm water, and steam condensate wastewater via Outlet 006 into the Ohio River near Milepoint 191.

Also to operate and maintain a disposal system and best management practices for the direct discharge of non-contact cooling water and storm water via Outlet 007 into the Ohio River near Milepoint 190.6.

Also to operate and maintain disposal systems and best management practices for the direct discharge of pump

seal water via Outlet 013 into the Ohio River near Milepoint 190.4 and via Outlet 028 into Page Run of the Ohio River.

Also to operate and maintain disposal systems and best management practices for the direct discharge of untreated storm water via Outlets 016, 019, 026, 030-034, and 036 into the Ohio River near Milepoints 190-191.

Also to operate and maintain disposal systems and best management practices for the direct discharge of untreated storm water via via Outlet 011 into Coal Hollow of the Ohio River and via Outlets 022, 023 and 025 into Page Run of the Ohio River.

Also to operate and maintain a single intake pipe with five large capacity centrifugal pumps for the withdrawal of water from the Ohio River.

This permit is subject to the following terms and conditions :

The information submitted on and with Permit Application Number WV0001279 dated the 20th day of December 2007 and additional information dated the 24th day of June 2008; 6th day of August 2008; 14th day September 2010; 19th day of October 2010; 16th day of June 2011; 1st day of September 2011; 9th day of November 2016; 8th day of January 2017; 22nd and 23rd days of February 2018; and the 12th and 13th days of March 2018 are all hereby made terms and conditions of this Permit with like effect as if all such permit application information were set forth herein and other conditions set forth in Sections A, B, C, D, and Appendix A.

The validity of this permit is contingent upon the payment of the applicable annual permit fee, as required by Chapter 22, Article 11, Section 10 of the Code of West Virginia.

| Inspectable Unit | Latitude | Longitude | Receiving Stream | Dist. to Stream Mouth (in Mile) | Milepost |
|------------------|-----------|-----------|--|---------------------------------|----------|
| 001 | 39°16'19" | 81°39'42" | OHIO RV | N/A | 190.1 |
| 002 | 39°16'20" | 81°40'00" | OHIO RV | N/A | 190.2 |
| 003 | 39°16'20" | 81°40'01" | OHIO RV | N/A | 190.3 |
| 005 | 39°16'18" | 81°40'30" | OHIO RV | N/A | 190.8 |
| 006 | 39°15'58" | 81°40'43" | Unnamed Tributary Of OHIO RV | N/A | 191 |
| 007 | 39°16'19" | 81°40'16" | OHIO RV | N/A | 190.6 |
| 011 | 39°16'13" | 81°39'21" | COAL HL | N/A | N/A |
| 013 | 39°16'18" | 81°40'10" | OHIO RV -- No Monitoring Required | N/A | 190.4 |
| 016 | 39°16'15" | 81°40'31" | OHIO RV | N/A | 190.75 |
| 019 | 39°16'13" | 81°40'34" | OHIO RV | N/A | 190.8 |
| 022 | 39°15'52" | 81°40'24" | Unnamed Tributary Of OHIO RV | N/A | N/A |
| 023 | 39°15'50" | 81°40'35" | Unnamed Tributary Of OHIO RV | N/A | N/A |
| 025 | 39°15'53" | 81°40'29" | Unnamed Tributary Of OHIO RV | N/A | N/A |
| 026 | 39°16'07" | 81°40'39" | OHIO RV | N/A | 190.9 |
| 028 | 39°15'52" | 81°40'33" | Unnamed Tributary Of OHIO RV -- No Monitoring Required | N/A | N/A |
| 030 | 39°16'21" | 81°39'59" | OHIO RV | N/A | 190.2 |
| 031 | 39°16'20" | 81°40'07" | OHIO RV | N/A | 190.3 |
| 032 | 39°16'20" | 81°40'12" | OHIO RV | N/A | 190.3 |
| 033 | 39°16'19" | 81°40'17" | OHIO RV | N/A | 190.4 |
| 034 | 39°16'18" | 81°40'23" | OHIO RV | N/A | 190.6 |
| 036 | 39°16'15" | 81°40'34" | OHIO RV | N/A | 190.8 |
| 102 | 39°16'19" | 81°40'05" | N/A | N/A | N/A |
| 103 | 39°16'19" | 81°40'05" | N/A | N/A | N/A |
| 105 | 39°16'18" | 81°40'30" | N/A | N/A | N/A |
| 125 | 39°15'58" | 81°40'43" | N/A | N/A | N/A |
| 202 | 39°16'19" | 81°40'05" | N/A | N/A | N/A |
| 205 | 39°16'18" | 81°40'30" | N/A | N/A | N/A |
| 305 | 39°16'18" | 81°40'30" | N/A | N/A | N/A |
| 405 | 39°16'18" | 81°40'30" | N/A | N/A | N/A |

| Inspectable Unit | Latitude | Longitude | Receiving Stream | Dist. to Stream Mouth (in Mile) | Milepost |
|------------------|-----------|-----------|------------------|---------------------------------|----------|
| 505 | 39°16'15" | 81°40'35" | N/A | N/A | N/A |
| 605 | 39°15'58" | 81°40'43" | N/A | N/A | N/A |

A.001 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:
Permit Limits

During the period beginning 9/1/2018 and lasting through midnight 7/29/2023 the permittee is authorized to discharge from Outlet Number(s) 001 (Cooling Water, Storm Water Runoff, Other)

Such discharges shall be limited and monitored by the permittee as specified below:

| Such discharges shall be limited and monitored by the permittee as specified below: | | | | | | | Monitoring Requirements | | |
|---|--------------------------|------------------------|---------|-----------------|--------------------------|------------------------|--------------------------|----------------|-----------------|
| Effluent Characteristic | Discharge Limitations | | | | | Units | Measurement Frequency | Sample Type | |
| | Quantity | | Units | Other Units | | | | | |
| 50050 - (Flow,in Conduit or thru plant) (Year Round) (ML-1) (RF-A) Final: 01/02/1900 to 7/29/2023 | N/A | N/A | N/A | N/A | N/A | Rpt Only Max. Daily | mgd | 1/month | measured |
| 00530 - (Total Suspended Solids) (Year Round) (ML-1) (RF-A) | Rpt Only Avg. Monthly | Rpt Only Max. Daily | Lbs/Day | N/A | 34 Avg. Monthly | 59 Max. Daily | mg/l | 1/month | 24 hr Composite |
| 00400 - (pH) (Year Round) (ML-1) (RF-A) | N/A | N/A | N/A | 6 Inst. Min. | N/A | 9 Inst. Max. | S.U. | 1/month | Grab |
| 50060 - (Chlorine, Total Residual) (Year Round) (ML-1) (RF-A) Interim: 9/1/2018 to 8/31/2020 | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/month | Grab |
| 50060 - (Chlorine, Total Residual) (Year Round) (ML-1) (RF-A) Final: 09/01/2020 to 7/29/2023 | N/A | N/A | N/A | N/A | 0.028 Avg. Monthly | 0.057 Max. Daily | mg/l | 1/month | Grab |
| 01114 - (Lead, Total Recoverable) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/quarter | 24 hr Composite |
| 01094 - (Zinc, Total Recoverable) (Year Round) (ML-1) (RF-A) | Rpt Only Avg. Monthly | Rpt Only Max. Daily | Lbs/Day | N/A | 0.146 Avg. Monthly | 0.371 Max. Daily | mg/l | 1/month | 24 hr Composite |
| 71900 - (Mercury, Total (as Hg)) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | ug/l | 1/quarter | Grab |

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):

Outlet 001 - Monitoring point west of Building 27.

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

A.001 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:

Permit Limits

During the period beginning 9/1/2018 and lasting through midnight 7/29/2023 the permittee is authorized to discharge from Outlet Number(s) 001 (Cooling Water, Storm Water Runoff, Other)

Such discharges shall be limited and monitored by the permittee as specified below:

| <u>Effluent Characteristic</u> | <u>Discharge Limitations</u> | | | | <u>Monitoring Requirements</u> | | | | |
|--|------------------------------|------------------------|--------------|--------------------|--------------------------------|------------------------------|--------------------|------------|-----------------|
| | <u>Quantity</u> | | <u>Units</u> | <u>Other Units</u> | <u>Units</u> | <u>Measurement Frequency</u> | <u>Sample Type</u> | | |
| 01104 - (Aluminum, Total Recoverable) (Year Round) (ML-1) (RF-B) | Rpt Only Avg. Monthly | Rpt Only Max. Daily | Lbs/Day | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/quarter | 24 hr Composite |
| 00980 - (Iron, Total Recoverable) (Year Round) (ML-1) (RF-B) | Rpt Only Avg. Monthly | Rpt Only Max. Daily | Lbs/Day | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/quarter | 24 hr Composite |
| 61425 - (Acute Tox - Ceriodaphnia Dut (Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | TUa | 1/6 months | 24 hr Composite |
| 61427 - (Acute Toxicity - Pimephales) (Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | TUa | 1/6 months | 24 hr Composite |
| 00981 - (Selenium, Total Recoverable) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/quarter | 24 hr Composite |
| 00978 - (Arsenic, Total Recoverable) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/quarter | 24 hr Composite |
| 01097 - (Antimony, Total (as Sb)) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/quarter | 24 hr Composite |
| 32730 - (Phenolics, Total Recoverable) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/quarter | 24 hr Composite |

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):

Outlet 001 - Monitoring point west of Building 27.

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

A.001 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:
Permit Limits

During the period beginning 9/1/2018 and lasting through midnight 7/29/2023 the permittee is authorized to discharge from Outlet Number(s) 001 (Cooling Water, Storm Water Runoff, Other)

Such discharges shall be limited and monitored by the permittee as specified below:

| <u>Effluent Characteristic</u> | <u>Discharge Limitations</u> | | | | <u>Monitoring Requirements</u> | | | | |
|---|------------------------------|------------------------|--------------|--------------------|--------------------------------|------------------------------|--------------------|-----------|-----------------|
| | <u>Quantity</u> | | <u>Units</u> | <u>Other Units</u> | <u>Units</u> | <u>Measurement Frequency</u> | <u>Sample Type</u> | | |
| 00011 - (Temperature, F) (Year Round) (ML-1) (RF-A) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | DEG.F | 1/month | Insitu |
| Effluent Temperature | | | | | | | | | |
| 00011 - (Temperature, F) (Year Round) (ML-7) (RF-A) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | DEG.F | 1/month | Insitu |
| Upstream / Intake Temperature | | | | | | | | | |
| 00680 - (Total Organic Carbon) (Year Round) (ML-1) (RF-A) | N/A | N/A | N/A | N/A | 8 Avg. Monthly | 13 Max. Daily | mg/l | 1/month | 24 hr Composite |
| 01059 - (Thallium, Total (as Tl)) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/quarter | 24 hr Composite |
| 51065 - (PFOA) (Year Round) (ML-1) (RF-A) Interim: 9/1/2018 to 8/31/2021 | Rpt Only Avg. Monthly | Rpt Only Max. Daily | Lbs/Day | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | ug/l | 1/month | 24 hr Composite |
| 51065 - (PFOA) (Year Round) (ML-1) (RF-A) Final: 09/01/2021 to 7/29/2023 | Rpt Only Avg. Monthly | Rpt Only Max. Daily | Lbs/Day | N/A | 2 Avg. Monthly | 7.3 Max. Daily | ug/l | 1/month | 24 hr Composite |
| 51715 - (HFPO Dimer Acid) (Year Round) (ML-1) (RF-A) Interim: 9/1/2018 to 8/31/2021 | Rpt Only Avg. Monthly | Rpt Only Max. Daily | Lbs/Day | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | ug/l | 1/month | 24 hr Composite |
| 51715 - (HFPO Dimer Acid) (Year Round) (ML-1) (RF-A) Final: 09/01/2021 to 7/29/2023 | Rpt Only Avg. Monthly | Rpt Only Max. Daily | Lbs/Day | N/A | 1.4 Avg. Monthly | 2 Max. Daily | ug/l | 1/month | 24 hr Composite |

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):

Outlet 001 - Monitoring point west of Building 27.

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

A.002 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:

Permit Limits

During the period beginning 9/1/2018 and lasting through midnight 7/29/2023 the permittee is authorized to discharge from Outlet Number(s) 002 (Cooling Water, Storm Water Runoff, Process Water, Other)

Such discharges shall be limited and monitored by the permittee as specified below:

| <u>Effluent Characteristic</u> | <u>Discharge Limitations</u> | | | | <u>Monitoring Requirements</u> | | | | |
|--|------------------------------|------------------------|--------------|--------------------|--------------------------------|------------------------------|--------------------|------------|-----------------|
| | <u>Quantity</u> | | <u>Units</u> | <u>Other Units</u> | <u>Units</u> | <u>Measurement Frequency</u> | <u>Sample Type</u> | | |
| 50050 - (Flow, in Conduit or thru plant) (Year Round) (ML-1) (RF-A) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mgd | 1/week | measured |
| 00310 - (BOD, 5-Day 20 Deg.C) (Year Round) (ML-1) (RF-A) | 364 Avg. Monthly | 970 Max. Daily | Lbs/Day | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/week | 24 hr Composite |
| 00530 - (Total Suspended Solids) (Year Round) (ML-2) (RF-A) | 612 Avg. Monthly | 1988 Max. Daily | Lbs/Day | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/week | Calculated |
| Calculated Net TSS Value, refer to Section C.32. | | | | | | | | | |
| 00530 - (Total Suspended Solids) (Year Round) (ML-1) (RF-A) | Rpt Only Avg. Monthly | Rpt Only Max. Daily | Lbs/Day | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/week | 24 hr Composite |
| Effluent Gross TSS Value. | | | | | | | | | |
| 74055 - (Coliform, Fecal) (Year Round) (ML-1) (RF-A) | N/A | N/A | N/A | N/A | 200 Mon. Geo. Mean | 400 Max. Daily | Cnts/100ml | 1/month | Grab |
| 00400 - (pH) (Year Round) (ML-1) (RF-A) | N/A | N/A | N/A | 6 Inst. Min | N/A | 9 Inst. Max | S.U. | Continuous | Recorded |
| 00610 - (Ammonia Nitrogen) (Year Round) (ML-1) (RF-A) Interim: 9/1/2018 to 8/31/2021 | Rpt Only Avg. Monthly | Rpt Only Max. Daily | Lbs/Day | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/week | 24 hr Composite |
| 00610 - (Ammonia Nitrogen) (Year Round) (ML-1) (RF-A) Final: 09/01/2021 to 7/29/2023 | Rpt Only Avg. Monthly | Rpt Only Max. Daily | Lbs/Day | N/A | 3.2 Avg. Monthly | 5.4 Max. Daily | mg/l | 1/week | 24 hr Composite |

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):

Outlet 002 - immediately prior to discharge.

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

A.002 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning 9/1/2018 and lasting through midnight 7/29/2023 the permittee is authorized to discharge from Outlet Number(s) 002 (Cooling Water, Storm Water Runoff, Process Water, Other)

Such discharges shall be limited and monitored by the permittee as specified below:

| <u>Effluent Characteristic</u> | <u>Discharge Limitations</u> | | | | <u>Monitoring Requirements</u> | | | | |
|---|------------------------------|------------------------|--------------|--------------------|--------------------------------|------------------------------|--------------------|-----------|-----------------|
| | <u>Quantity</u> | | <u>Units</u> | <u>Other Units</u> | <u>Units</u> | <u>Measurement Frequency</u> | <u>Sample Type</u> | | |
| 00620 - (Nitrogen Nitrate) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/quarter | 24 hr Composite |
| 00600 - (Nitrogen, Total (as N)) (Year Round) (ML-1) (RF-D) | Rpt Only Avg. Monthly | Rpt Only Max. Daily | Lbs/Day | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/year | 24 hr Composite |
| 00665 - (Phosphorus, Total) (Year Round) (ML-1) (RF-D) | Rpt Only Avg. Monthly | Rpt Only Max. Daily | Lbs/Day | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/year | 24 hr Composite |
| 50060 - (Chlorine, Total Residual) (Year Round) (ML-1) (RF-A) | N/A | N/A | N/A | N/A | 0.028 Avg. Monthly | 0.057 Max. Daily | mg/l | 1/week | Grab |
| 01119 - (Copper, Total Recoverable) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/quarter | 24 hr Composite |
| 01094 - (Zinc, Total Recoverable) (Year Round) (ML-1) (RF-A) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/month | 24 hr Composite |
| 71900 - (Mercury, Total (as Hg)) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | ug/l | 1/quarter | Grab |
| 01104 - (Aluminum, Total Recoverable) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/quarter | 24 hr Composite |

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):

Outlet 002 - immediately prior to discharge.

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

Page No.: 9 of 84

Permit No.: WV0001279

A.002 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:
Permit Limits

During the period beginning 9/1/2018 and lasting through midnight 7/29/2023 the permittee is authorized to discharge from Outlet Number(s) 002 (Cooling Water, Storm Water Runoff, Process Water, Other)

Such discharges shall be limited and monitored by the permittee as specified below:

| <u>Effluent Characteristic</u> | <u>Discharge Limitations</u> | | | | <u>Monitoring Requirements</u> | | | | |
|---|------------------------------|--------------------|--------------|--------------------|--------------------------------|------------------------------|--------------------|------------|-----------------|
| | <u>Quantity</u> | | <u>Units</u> | <u>Other Units</u> | <u>Units</u> | <u>Measurement Frequency</u> | <u>Sample Type</u> | | |
| 00980 - (Iron, Total Recoverable) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/quarter | 24 hr Composite |
| 00940 - (Chloride (as Cl)) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/quarter | 24 hr Composite |
| 61425 - (Acute Tox - Ceriodaphnia Dut (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | TUa | 1/quarter | 24 hr Composite |
| 61427 - (Acute Toxicity - Pimephales) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Max. Daily | Rpt Only Max. Daily | TUa | 1/quarter | 24 hr Composite |
| 34423 - (Methylene Chloride) (Year Round) (ML-1) (RF-A) | 0.55 Avg. Monthly | 2.6 Max. Daily | Lbs/Day | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | ug/l | 1/month | Grab |
| 82581 - (pH, No. of Excursions >60 mi (Year Round) (ML-1) (RF-A) | N/A | zero Max. Daily | Ocur/Mon | N/A | N/A | N/A | N/A | Continuous | Continuous |
| 82582 - (pH Excursions Total Time) (Year Round) (ML-1) (RF-A) | N/A | N/A | N/A | N/A | N/A | 446 Monthly Total | Minutes | Continuous | Continuous |
| 39180 - (Trichloroethylene) (Year Round) (ML-1) (RF-B) | 0.4 Avg. Monthly | 1.1 Max. Daily | Lbs/Day | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | ug/l | 1/quarter | Grab |

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):

Outlet 002 - immediately prior to discharge.

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

Page No.: 10 of 84

Permit No.: WV0001279

A.002 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:

Permit Limits

During the period beginning 9/1/2018 and lasting through midnight 7/29/2023 the permittee is authorized to discharge from Outlet Number(s) 002 (Cooling Water, Storm Water Runoff, Process Water, Other)

Such discharges shall be limited and monitored by the permittee as specified below:

| <u>Effluent Characteristic</u> | <u>Discharge Limitations</u> | | | | <u>Monitoring Requirements</u> | | | | |
|--|------------------------------|--------------------|--------------|--------------------|--------------------------------|------------------------------|--------------------|-----------|-----------------|
| | <u>Quantity</u> | | <u>Units</u> | <u>Other Units</u> | <u>Units</u> | <u>Measurement Frequency</u> | <u>Sample Type</u> | | |
| 34418 - (Methyl Chloride) (Year Round) (ML-1) (RF-A) | 1.7 Avg. Monthly | 4.5 Max. Daily | Lbs/Day | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | ug/l | 1/month | Grab |
| 01051 - (Lead, Total (as Pb)) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/quarter | 24 hr Composite |
| 79531 - (3,4 Benzofluoranthene) (Year Round) (ML-1) (RF-B) | 0.31 Avg. Monthly | 0.74 Max. Daily | Lbs/Day | N/A | 0.1 Avg. Monthly | 0.15 Max. Daily | ug/l | 1/quarter | 24 hr Composite |
| 00981 - (Selenium, Total Recoverable) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/quarter | 24 hr Composite |
| 00978 - (Arsenic, Total Recoverable) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/quarter | 24 hr Composite |
| 34010 - (Toluene) (Year Round) (ML-1) (RF-A) | 0.43 Avg. Monthly | 1.1 Max. Daily | Lbs/Day | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/month | Grab |
| 01097 - (Antimony, Total (as Sb)) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/quarter | 24 hr Composite |
| 32730 - (Phenolics, Total Recoverable) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | ug/l | 1/quarter | 24 hr Composite |

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):

Outlet 002 - immediately prior to discharge.

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

A.002 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:

Permit Limits

During the period beginning 9/1/2018 and lasting through midnight 7/29/2023 the permittee is authorized to discharge from Outlet Number(s) 002 (Cooling Water, Storm Water Runoff, Process Water, Other)

Such discharges shall be limited and monitored by the permittee as specified below:

| <u>Effluent Characteristic</u> | <u>Discharge Limitations</u> | | | | <u>Monitoring Requirements</u> | | | | |
|---|------------------------------|------------------------|--------------|--------------------|--------------------------------|------------------------------|--------------------|-----------|-----------------|
| | <u>Quantity</u> | | <u>Units</u> | <u>Other Units</u> | <u>Units</u> | <u>Measurement Frequency</u> | <u>Sample Type</u> | | |
| 00680 - (Total Organic Carbon) (Year Round) (ML-1) (RF-A) | N/A | N/A | N/A | N/A | 5.9 Avg. Monthly | 7.9 Max. Daily | mg/l | 1/month | 24 hr Composite |
| 32106 - (Chloroform) (Year Round) (ML-1) (RF-A) | 1.7 Avg. Monthly | 5 Max. Daily | Lbs/Day | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | ug/l | 1/month | Grab |
| 81020 - (Sulfate) (Year Round) (ML-1) (RF-A) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/month | 24 hr Composite |
| 01059 - (Thallium, Total (as Tl)) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/quarter | 24 hr Composite |
| 51065 - (PFOA) (Year Round) (ML-1) (RF-A) Interim: 9/1/2018 to 8/31/2021 | Rpt Only Avg. Monthly | Rpt Only Max. Daily | Lbs/Day | N/A | 18 Avg. Monthly | 18 Max. Daily | ug/l | 1/week | 24 hr Composite |
| 51065 - (PFOA) (Year Round) (ML-1) (RF-A) Final: 09/01/2021 to 7/29/2023 | Rpt Only Avg. Monthly | Rpt Only Max. Daily | Lbs/Day | N/A | 2 Avg. Monthly | 33 Max. Daily | ug/l | 1/week | 24 hr Composite |
| 51715 - (HFPO Dimer Acid) (Year Round) (ML-1) (RF-A) Interim: 9/1/2018 to 8/31/2021 | Rpt Only Avg. Monthly | Rpt Only Max. Daily | Lbs/Day | N/A | 9 Avg. Monthly | 32 Max. Daily | ug/l | 1/week | 24 hr Composite |
| 51715 - (HFPO Dimer Acid) (Year Round) (ML-1) (RF-A) Final: 09/01/2021 to 7/29/2023 | Rpt Only Avg. Monthly | Rpt Only Max. Daily | Lbs/Day | N/A | 1.4 Avg. Monthly | 23 Max. Daily | ug/l | 1/week | 24 hr Composite |

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):

Outlet 002 - immediately prior to discharge.

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

A.003 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:

Permit Limits

During the period beginning 9/1/2018 and lasting through midnight 7/29/2023 the permittee is authorized to discharge from Outlet Number(s) 003 (Cooling Water, Storm Water Runoff, Other)

Such discharges shall be limited and monitored by the permittee as specified below:

| Such discharges shall be limited and monitored by the permittee as specified below: | | | | | | | | | |
|---|--------------------------|------------------------|---------|-----------------|--------------------------|------------------------|--------------------------|----------------|-----------------|
| Effluent Characteristic | Discharge Limitations | | | | Monitoring Requirements | | | | |
| | Quantity | | Units | Other Units | | Units | Measurement Frequency | Sample Type | |
| 50050 - (Flow,in Conduit or thru plant) (Year Round) (ML-1) (RF-A) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mgd | 1/month | measured |
| 00530 - (Total Suspended Solids) (Year Round) (ML-1) (RF-A) | Rpt Only Avg. Monthly | Rpt Only Max. Daily | Lbs/Day | N/A | 267 Avg. Monthly | 382 Max. Daily | mg/l | 1/month | 24 hr Composite |
| 00400 - (pH) (Year Round) (ML-1) (RF-A) | N/A | N/A | N/A | 6 Inst. Min. | N/A | 9 Inst. Max. | S.U. | 1/month | Grab |
| 00610 - (Ammonia Nitrogen) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/quarter | 24 hr Composite |
| 50060 - (Chlorine, Total Residual) (Year Round) (ML-1) (RF-A) | N/A | N/A | N/A | N/A | 0.028 Avg. Monthly | 0.057 Max. Daily | mg/l | 1/month | Grab |
| 01119 - (Copper, Total Recoverable) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/quarter | 24 hr Composite |
| 01114 - (Lead, Total Recoverable) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/quarter | 24 hr Composite |
| 71900 - (Mercury, Total (as Hg)) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | ug/l | 1/quarter | Grab |

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):

Outlet 003 - Monitoring point west of Outlet 002 flume.

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

A.003 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning 9/1/2018 and lasting through midnight 7/29/2023 the permittee is authorized to discharge from Outlet Number(s) 003 (Cooling Water, Storm Water Runoff, Other)

Such discharges shall be limited and monitored by the permittee as specified below:

| <u>Effluent Characteristic</u> | <u>Discharge Limitations</u> | | | | <u>Monitoring Requirements</u> | | | | |
|--|------------------------------|-----|--------------|--------------------|--------------------------------|------------------------------|--------------------|------------|-----------------|
| | <u>Quantity</u> | | <u>Units</u> | <u>Other Units</u> | <u>Units</u> | <u>Measurement Frequency</u> | <u>Sample Type</u> | | |
| 01104 - (Aluminum, Total Recoverable) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/quarter | 24 hr Composite |
| 00980 - (Iron, Total Recoverable) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/quarter | 24 hr Composite |
| 61425 - (Acute Tox - Ceriodaphnia Dub. (Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | TUa | 1/6 months | 24 hr Composite |
| 61427 - (Acute Toxicity - Pimephales) (Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | TUa | 1/6 months | 24 hr Composite |
| 00981 - (Selenium, Total Recoverable) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/quarter | 24 hr Composite |
| 00978 - (Arsenic, Total Recoverable) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/quarter | 24 hr Composite |
| 01097 - (Antimony, Total (as Sb)) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/quarter | 24 hr Composite |
| 32730 - (Phenolics, Total Recoverable) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/quarter | 24 hr Composite |

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):

Outlet 003 - Monitoring point west of Outlet 002 flume.

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

A.003 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:
Permit Limits

During the period beginning 9/1/2018 and lasting through midnight 7/29/2023 the permittee is authorized to discharge from Outlet Number(s) 003 (Cooling Water, Storm Water Runoff, Other)

Such discharges shall be limited and monitored by the permittee as specified below:

| <u>Effluent Characteristic</u> | <u>Discharge Limitations</u> | | | | <u>Monitoring Requirements</u> | | | | |
|---|------------------------------|--------------|--------------------|--------------|--------------------------------|------------------------|-------|---------|--------|
| | <u>Quantity</u> | <u>Units</u> | <u>Other Units</u> | <u>Units</u> | <u>Measurement Frequency</u> | <u>Sample Type</u> | | | |
| 00011 - (Temperature, F) (Year Round) (ML-7) (RF-A) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | DEG.F | 1/month | Insitu |
| Upstream / Intake Temperature | | | | | | | | | |
| 00011 - (Temperature, F) (January 1-31) (ML-1) (RF-A) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | DEG.F | 1/month | Insitu |
| Effluent Temperature | | | | | | | | | |
| 00011 - (Temperature, F) (February 1-28) (ML-1) (RF-A) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | DEG.F | 1/month | Insitu |
| Effluent Temperature | | | | | | | | | |
| 00011 - (Temperature, F) (March 1-31) (ML-1) (RF-A) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | DEG.F | 1/month | Insitu |
| Effluent Temperature | | | | | | | | | |
| 00011 - (Temperature, F) (April 1-30) (ML-1) (RF-A) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | DEG.F | 1/month | Insitu |
| Effluent Temperature | | | | | | | | | |
| 00011 - (Temperature, F) (May 1-31) (ML-1) (RF-A) | N/A | N/A | N/A | N/A | 78 Avg. Monthly | 90 Max. Daily | DEG.F | 1/month | Insitu |
| Effluent Temperature | | | | | | | | | |
| 00011 - (Temperature, F) (June 1-30) (ML-1) (RF-A) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | DEG.F | 1/month | Insitu |
| Effluent Temperature | | | | | | | | | |
| 00011 - (Temperature, F) (July 1-31) (ML-1) (RF-A) | N/A | N/A | N/A | N/A | 101 Avg. Monthly | 110 Max. Daily | DEG.F | 1/month | Insitu |
| Effluent Temperature | | | | | | | | | |

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):

Outlet 003 - Monitoring point west of Outlet 002 flume.

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS i - 12.

A.003 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:

Permit Limits

During the period beginning 9/1/2018 and lasting through midnight 7/29/2023 the permittee is authorized to discharge from Outlet Number(s) 003 (Cooling Water, Storm Water Runoff, Other)

Such discharges shall be limited and monitored by the permittee as specified below:

| <u>Effluent Characteristic</u> | <u>Discharge Limitations</u> | | | | <u>Monitoring Requirements</u> | | | |
|--|-------------------------------------|------------------------|---------------------------|---------------------|---------------------------------------|---------------------------|-------|------------------------------|
| | <u>Quantity</u> | <u>Units</u> | <u>Other Units</u> | <u>Units</u> | <u>Measurement Frequency</u> | <u>Sample Type</u> | | |
| 00011 - (Temperature, F) (August 1-31) (ML-1) (RF-A) | N/A | N/A | N/A | N/A | 98 Avg. Monthly | 110 Max. Daily | DEG.F | 1/month Insitu |
| Effluent Temperature | | | | | | | | |
| 00011 - (Temperature, F) (September 1-30) (ML-1) (RF-A) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | DEG.F | 1/month Insitu |
| Effluent Temperature | | | | | | | | |
| 00011 - (Temperature, F) (October 1-31) (ML-1) (RF-A) | N/A | N/A | N/A | N/A | 81 Avg. Monthly | 93 Max. Daily | DEG.F | 1/month Insitu |
| Effluent Temperature | | | | | | | | |
| 00011 - (Temperature, F) (November 1-30) (ML-1) (RF-A) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | DEG.F | 1/month Insitu |
| Effluent Temperature | | | | | | | | |
| 00011 - (Temperature, F) (December 1-31) (ML-1) (RF-A) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | DEG.F | 1/month Insitu |
| Effluent Temperature | | | | | | | | |
| 00680 - (Total Organic Carbon) (Year Round) (ML-1) (RF-A) | N/A | N/A | N/A | N/A | 5.7 Avg. Monthly | 8 Max. Daily | mg/l | 1/month 24 hr Composite |
| 01059 - (Thallium, Total (as Tl)) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/quarter 24 hr Composite |
| 51065 - (PFOA) (Year Round) (ML-1) (RF-A) Interim: 9/1/2018 to 8/31/2021 | Rpt Only Avg. Monthly | Rpt Only Max. Daily | Lbs/Day | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | ug/l | 1/month 24 hr Composite |

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):

Outlet 003 - Monitoring point west of Outlet 002 flume.

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

A.003 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning 9/1/2018 and lasting through midnight 7/29/2023 the permittee is authorized to discharge from Outlet Number(s) 003: (Cooling Water, Storm Water Runoff, Other)

Such discharges shall be limited and monitored by the permittee as specified below:

| Such discharges shall be limited and monitored by the permittee as specified below: | | | | | | | | Monitoring Requirements | |
|---|-----------------------|------------|---------|-------------|--------------|------------|--------------------------|-------------------------|-----------------|
| Effluent Characteristic | Discharge Limitations | | | | | | Measurement Frequency | Sample Type | |
| | Quantity | | Units | Other Units | | Units | | | |
| 51065 - (PFOA) | Rpt Only | Rpt Only | Lbs/Day | N/A | 2 | 2.8 | ug/l | 1/month | 24 hr Composite |
| (Year Round) (ML-1) (RF-A) | Avg. Monthly | Max. Daily | | | Avg. Monthly | Max. Daily | | | |
| Final: 09/01/2021 to 7/29/2023 | | | | | | | | | |
| 51715 - (HFPO Dimer Acid) | Rpt Only | Rpt Only | Lbs/Day | N/A | Rpt Only | Rpt Only | ug/l | 1/month | 24 hr Composite |
| (Year Round) (ML-1) (RF-A) | Avg. Monthly | Max. Daily | | | Avg. Monthly | Max. Daily | | | |

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):

Outlet 003 - Monitoring point west of Outlet 002 flume.

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

A.005 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:
Permit Limits

During the period beginning 9/1/2018 and lasting through midnight 7/29/2023 the permittee is authorized to discharge from Outlet Number(s) 005 (Cooling Water, Storm Water Runoff, Process Water, Other)

Such discharges shall be limited and monitored by the permittee as specified below:

| <u>Effluent Characteristic</u> | <u>Discharge Limitations</u> | | | | <u>Monitoring Requirements</u> | | <u>Units</u> | <u>Measurement Frequency</u> | <u>Sample Type</u> |
|--|------------------------------|------------------------|--------------|--------------------|--------------------------------|------------------------|--------------|------------------------------|--------------------|
| | <u>Quantity</u> | | <u>Units</u> | <u>Other Units</u> | | | | | |
| 50050 - (Flow, in Conduit or thru plant) (Year Round) (ML-1) (RF-A) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mgd | 1/week | measured |
| 74055 - (Coliform, Fecal) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Mon. Geo. Mean | Rpt Only Max. Daily | Cnts/100ml | 1/quarter | Grab |
| 00400 - (pH) (Year Round) (ML-1) (RF-A) | N/A | N/A | N/A | 6 Inst. Min. | N/A | 9 Inst. Max. | S.U. | 1/daily | Grab |
| 00610 - (Ammonia Nitrogen) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/quarter | 24 hr Composite |
| 00620 - (Nitrogen Nitrate) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/quarter | 24 hr Composite |
| 00600 - (Nitrogen, Total (as N)) (Year Round) (ML-1) (RF-D) | Rpt Only Avg. Monthly | Rpt Only Max. Daily | Lbs/Day | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/year | 24 hr Composite |
| 00665 - (Phosphorus, Total) (Year Round) (ML-1) (RF-D) | Rpt Only Avg. Monthly | Rpt Only Max. Daily | Lbs/Day | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/year | 24 hr Composite |
| 50060 - (Chlorine, Total Residual) (Year Round) (ML-1) (RF-A) | N/A | N/A | N/A | N/A | 0.028 Avg. Monthly | 0.067 Max. Daily | mg/l | 1/week | Grab |

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):

Outlet 005 - Monitoring point northwest of Building 123.

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

A.005 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning 9/1/2018 and lasting through midnight 7/29/2023 the permittee is authorized to discharge from Outlet Number(s) 005 (Cooling Water, Storm Water Runoff, Process Water, Other)

Such discharges shall be limited and monitored by the permittee as specified below:

| <u>Effluent Characteristic</u> | <u>Discharge Limitations</u> | | | | <u>Monitoring Requirements</u> | | | | |
|--|------------------------------|-----|--------------|--------------------|--------------------------------|------------------------------|--------------------|-----------|-----------------|
| | <u>Quantity</u> | | <u>Units</u> | <u>Other Units</u> | <u>Units</u> | <u>Measurement Frequency</u> | <u>Sample Type</u> | | |
| 01119 - (Copper, Total Recoverable) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/quarter | 24 hr Composite |
| 01114 - (Lead, Total Recoverable) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/quarter | 24 hr Composite |
| 01094 - (Zinc, Total Recoverable) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/quarter | 24 hr Composite |
| 71900 - (Mercury, Total (as Hg)) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | ug/l | 1/quarter | Grab |
| 01104 - (Aluminum, Total Recoverable) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/quarter | 24 hr Composite |
| 00980 - (Iron, Total Recoverable) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/quarter | 24 hr Composite |
| 61426 - (Chronic Tox-Ceriodaphnia Du (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | TUc | 1/quarter | 24 hr Composite |
| 61428 - (Chronic Toxicity - Pimephales (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | TUc | 1/quarter | 24 hr Composite |

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):

Outlet 005 - Monitoring point northwest of Building 123.

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

A.005 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning 9/1/2018 and lasting through midnight 7/29/2023 the permittee is authorized to discharge from Outlet Number(s) 005 (Cooling Water, Storm Water Runoff, Process Water, Other)

Such discharges shall be limited and monitored by the permittee as specified below:

| <u>Effluent Characteristic</u> | <u>Discharge Limitations</u> | | | | <u>Monitoring Requirements</u> | | | | |
|---|------------------------------|--------------------|--------------|-----|--------------------------------|------------------------|--------------|------------------------------|--------------------|
| | <u>Quantity</u> | | <u>Units</u> | | <u>Other Units</u> | | <u>Units</u> | <u>Measurement Frequency</u> | <u>Sample Type</u> |
| 34423 - (Methylene Chloride) (Year Round) (ML-1) (RF-B) | 1.7 Avg. Monthly | 6.7 Max. Daily | Lbs/Day | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | ug/l | 1/quarter | Grab |
| 39180 - (Trichloroethylene) (Year Round) (ML-1) (RF-B) | 1.1 Avg. Monthly | 3 Max. Daily | Lbs/Day | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | ug/l | 1/quarter | Grab |
| 34418 - (Methyl Chloride) (Year Round) (ML-1) (RF-B) | 4.8 Avg. Monthly | 12.2 Max. Daily | Lbs/Day | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | ug/l | 1/quarter | Grab |
| 79531 - (3,4 Benzofluoranthene) (Year Round) (ML-1) (RF-B) | 0.97 Avg. Monthly | 2.4 Max. Daily | Lbs/Day | N/A | 0.1 Avg. Monthly | 0.15 Max. Daily | ug/l | 1/quarter | 24 hr Composite |
| 00981 - (Selenium, Total Recoverable) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/quarter | 24 hr Composite |
| 00978 - (Arsenic, Total Recoverable) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/quarter | 24 hr Composite |
| 34010 - (Toluene) (Year Round) (ML-1) (RF-B) | 1.3 Avg. Monthly | 3.5 Max. Daily | Lbs/Day | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | ug/l | 1/quarter | Grab |
| 01097 - (Antimony, Total (as Sb)) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/quarter | 24 hr Composite |

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):

Outlet 005 - Monitoring point northwest of Building 123.

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

A.005 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:
Permit Limits

During the period beginning 9/1/2018 and lasting through midnight 7/29/2023 the permittee is authorized to discharge from Outlet Number(s) 005 (Cooling Water, Storm Water Runoff, Process Water, Other)

Such discharges shall be limited and monitored by the permittee as specified below:

| <u>Effluent Characteristic</u> | <u>Discharge Limitations</u> | | | | <u>Monitoring Requirements</u> | | | | |
|--|------------------------------|------------------------|--------------|--------------------|--------------------------------|------------------------------|--------------------|-----------|-----------------|
| | <u>Quantity</u> | | <u>Units</u> | <u>Other Units</u> | <u>Units</u> | <u>Measurement Frequency</u> | <u>Sample Type</u> | | |
| 32730 - (Phenolics, Total Recoverable) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/quarter | 24 hr Composite |
| 00011 - (Temperature, F) (Year Round) (ML-1) (RF-A) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | DEG.F | 1/month | Insitu |
| Effluent Temperature | | | | | | | | | |
| 00011 - (Temperature, F) (Year Round) (ML-7) (RF-A) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | DEG.F | 1/month | Insitu |
| Upstream / Intake Temperature | | | | | | | | | |
| 00680 - (Total Organic Carbon) (Year Round) (ML-1) (RF-A) | Rpt Only Avg. Monthly | Rpt Only Max. Daily | Lbs/Day | N/A | 6.5 Avg. Monthly | 9.1 Max. Daily | mg/l | 1/month | 24 hr Composite |
| 32106 - (Chloroform) (Year Round) (ML-1) (RF-A) | 3.9 Avg. Monthly | 11.1 Max. Daily | Lbs/Day | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | ug/l | 1/month | Grab |
| 01059 - (Thallium, Total (as Tl)) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/quarter | 24 hr Composite |
| 51065 - (PFOA) (Year Round) (ML-1) (RF-A) Interim: 9/1/2018 to 8/31/2021 | Rpt Only Avg. Monthly | Rpt Only Max. Daily | Lbs/Day | N/A | 2 Avg. Monthly | 2 Max. Daily | ug/l | 1/week | 24 hr Composite |
| 51065 - (PFOA) (Year Round) (ML-1) (RF-A) Final: 09/01/2021 to 7/29/2023 | Rpt Only Avg. Monthly | Rpt Only Max. Daily | Lbs/Day | N/A | 0.3 Avg. Monthly | 0.7 Max. Daily | ug/l | 1/week | 24 hr Composite |

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):

Outlet 005 - Monitoring point northwest of Building 123.

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

A.005 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:

Permit Limits

During the period beginning 9/1/2018 and lasting through midnight 7/29/2023 the permittee is authorized to discharge from Outlet Number(s) 005 (Cooling Water, Storm Water Runoff, Process Water, Other)

Such discharges shall be limited and monitored by the permittee as specified below:

| Such discharges shall be limited and monitored by the permittee as specified below: | | | | | | | | Monitoring Requirements | |
|---|-----------------------|------------|---------|-------------|--------------|------------|-------------|-------------------------|-----------------|
| Effluent Characteristic | Discharge Limitations | | | | | | Measurement | Sample | |
| | Quantity | | Units | Other Units | | Units | Frequency | Type | |
| 51715 - (HFPO Dimer Acid) | Rpt Only | Rpt Only | Lbs/Day | N/A | 15 | 43 | ug/l | 1/week | 24 hr Composite |
| (Year Round) (ML-1) (RF-A) | Avg. Monthly | Max. Daily | | | Avg. Monthly | Max. Daily | | | |
| Interim: 9/1/2018 to 8/31/2021 | | | | | | | | | |
| 51715 - (HFPO Dimer Acid) | Rpt Only | Rpt Only | Lbs/Day | N/A | 11 | 23 | ug/l | 1/week | 24 hr Composite |
| (Year Round) (ML-1) (RF-A) | Avg. Monthly | Max. Daily | | | Avg. Monthly | Max. Daily | | | |
| Final: 09/01/2021 to 7/29/2023 | | | | | | | | | |

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):

Outlet 005 - Monitoring point northwest of Building 123.

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

Page No.: 22 of 84

Permit No.: WV0001279

A.006 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:

Permit Limits

During the period beginning 9/1/2018 and lasting through midnight 7/29/2023 the permittee is authorized to discharge from Outlet Number(s) 006 (Cooling Water, Storm Water Runoff, Other)

Such discharges shall be limited and monitored by the permittee as specified below:

| Such discharges shall be limited and monitored by the permittee as specified below: | | | | | | | Monitoring Requirements | | |
|---|--------------------------|------------------------|---------|-----------------|--------------------------|------------------------|-------------------------|--------------------------|-----------------|
| Effluent Characteristic | Discharge Limitations | | | | | | | | |
| | Quantity | | Units | Other Units | | | Units | Measurement Frequency | Sample Type |
| 50050 - (Flow,in Conduit or thru plant) (Year Round) (ML-1) (RF-A) | N/A | N/A | N/A | N/A | N/A | Rpt Only Max. Daily | mgd | 1/month | Estimated |
| 00530 - (Total Suspended Solids) (Year Round) (ML-1) (RF-A) | Rpt Only Avg. Monthly | Rpt Only Max. Daily | Lbs/Day | N/A | 118 Avg. Monthly | 189 Max. Daily | mg/l | 1/month | 24 hr Composite |
| 00400 - (pH) (Year Round) (ML-1) (RF-A) | N/A | N/A | N/A | 6 Inst. Min. | N/A | 9 Inst. Max. | S.U. | 1/month | Grab |
| 50060 - (Chlorine, Total Residual) (Year Round) (ML-1) (RF-A) | N/A | N/A | N/A | N/A | 0.028 Avg. Monthly | 0.057 Max. Daily | mg/l | 1/month | Grab |
| 01119 - (Copper, Total Recoverable) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/quarter | 24 hr Composite |
| 01114 - (Lead, Total Recoverable) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/quarter | 24 hr Composite |
| 01094 - (Zinc, Total Recoverable) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/quarter | 24 hr Composite |
| 71900 - (Mercury, Total (as Hg)) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | ug/l | 1/quarter | Grab |

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):

Outlet 006 - Earthen ditch at Carbon steel weir south of Building 293.

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

A.006 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning 9/1/2018 and lasting through midnight 7/29/2023 the permittee is authorized to discharge from Outlet Number(s) 006 (Cooling Water, Storm Water Runoff, Other)

Such discharges shall be limited and monitored by the permittee as specified below:

| <u>Effluent Characteristic</u> | <u>Discharge Limitations</u> | | | | <u>Monitoring Requirements</u> | | | | |
|--|------------------------------|-----|--------------|--------------------|--------------------------------|------------------------------|--------------------|-----------|-----------------|
| | <u>Quantity</u> | | <u>Units</u> | <u>Other Units</u> | <u>Units</u> | <u>Measurement Frequency</u> | <u>Sample Type</u> | | |
| 00981 - (Selenium, Total Recoverable) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/quarter | 24 hr Composite |
| 00978 - (Arsenic, Total Recoverable) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/quarter | 24 hr Composite |
| 01097 - (Antimony, Total (as Sb)) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/quarter | 24 hr Composite |
| 32730 - (Phenolics, Total Recoverable) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/quarter | 24 hr Composite |
| 00011 - (Temperature, F) (Year Round) (ML-7) (RF-A) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | DEG.F | 1/month | Insitu |
| Upstream / Intake Temperature | | | | | | | | | |
| 00011 - (Temperature, F) (Year Round) (ML-1) (RF-A) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | DEG F | 1/month | Insitu |
| Effluent Temperature | | | | | | | | | |
| 00680 - (Total Organic Carbon) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/quarter | 24 hr Composite |
| 81020 - (Sulfate) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/quarter | 24 hr Composite |

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):

Outlet 006 - Earthen ditch at Carbon steel weir south of Building 293.

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

Page No.: 24 of 84
Permit No.: WV0001279

A.006 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:

Permit Limits

During the period beginning 9/1/2018 and lasting through midnight 7/29/2023 the permittee is authorized to discharge from Outlet Number(s) 006 (Cooling Water, Storm Water Runoff, Other)

Such discharges shall be limited and monitored by the permittee as specified below:

| <u>Effluent Characteristic</u> | <u>Discharge Limitations</u> | | | | <u>Monitoring Requirements</u> | | | | |
|---|------------------------------|------------------------|--------------|--------------------|--------------------------------|----------------------------------|------------------------|-----------|-----------------|
| | <u>Quantity</u> | | <u>Units</u> | <u>Other Units</u> | <u>Units</u> | <u>Measurement Frequency</u> | <u>Sample Type</u> | | |
| 01059 - (Thallium, Total (as Tl)) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/quarter | 24 hr Composite |
| 51065 - (PFOA) (Year Round) (ML-1) (RF-A) | Rpt Only Avg. Monthly | Rpt Only Max. Daily | Lbs/Day | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | ug/l | 1/month | 24 hr Composite |
| 51715 - (HFPO Dimer Acid) (Year Round) (ML-1) (RF-A) Interim: 9/1/2018 to 8/31/2021 | Rpt Only Avg. Monthly | Rpt Only Max. Daily | Lbs/Day | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | ug/l | 1/month | 24 hr Composite |
| 51715 - (HFPO Dimer Acid) (Year Round) (ML-1) (RF-A) Final: 09/01/2021 to 7/29/2023 | Rpt Only Avg. Monthly | Rpt Only Max. Daily | Lbs/Day | N/A | 0.014 Avg. Monthly | 0.204 Max. Daily | ug/l | 1/month | 24 hr Composite |

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):

Outlet 006 - Earthen ditch at Carbon steel weir south of Building 293.

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

A.007 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:

Permit Limits

During the period beginning 9/1/2018 and lasting through midnight 7/29/2023 the permittee is authorized to discharge from Outlet Number(s) 007 (Cooling Water, Storm Water Runoff)

Such discharges shall be limited and monitored by the permittee as specified below:

| <u>Effluent Characteristic</u> | <u>Discharge Limitations</u> | | | | <u>Monitoring Requirements</u> | | | | |
|--|------------------------------|------------------------|--------------|--------------------|--------------------------------|------------------------------|--------------------|-----------|-----------------|
| | <u>Quantity</u> | | <u>Units</u> | <u>Other Units</u> | <u>Units</u> | <u>Measurement Frequency</u> | <u>Sample Type</u> | | |
| 50050 - (Flow, in Conduit or thru plant) (Year Round) (ML-1) (RF-A) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mgd | 1/month | Estimated |
| 00530 - (Total Suspended Solids) (Year Round) (ML-1) (RF-A) | Rpt Only Avg. Monthly | Rpt Only Max. Daily | Lbs/Day | N/A | 165 Avg. Monthly | 256 Max. Daily | mg/l | 1/month | 24 hr Composite |
| 74055 - (Coliform, Fecal) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Mon. Geo. Mean | Rpt Only Max. Daily | Cnts/100ml | 1/quarter | Grab |
| 00400 - (pH) (Year Round) (ML-1) (RF-A) | N/A | N/A | N/A | 6 Inst. Min | N/A | 9 Max. Daily | S.U. | 1/month | Grab |
| 00610 - (Ammonia Nitrogen) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/quarter | 24 hr Composite |
| 50060 - (Chlorine, Total Residual) (Year Round) (ML-1) (RF-A) | N/A | N/A | N/A | N/A | 0.028 Avg. Monthly | 0.057 Max. Daily | mg/l | 1/month | Grab |
| 01114 - (Lead, Total Recoverable) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/quarter | 24 hr Composite |
| 01094 - (Zinc, Total Recoverable) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/quarter | 24 hr Composite |

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):
Outlet 007 - 18" diameter galvanized steel pipe.

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

A.007 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:

Permit Limits

During the period beginning 9/1/2018 and lasting through midnight 7/29/2023 the permittee is authorized to discharge from Outlet Number(s) 007 (Cooling Water, Storm Water Runoff)

Such discharges shall be limited and monitored by the permittee as specified below:

| <u>Effluent Characteristic</u> | <u>Discharge Limitations</u> | | | | <u>Monitoring Requirements</u> | | | | |
|---|------------------------------|-----|--------------|--------------------|--------------------------------|------------------------------|--------------------|-----------|-----------------|
| | <u>Quantity</u> | | <u>Units</u> | <u>Other Units</u> | <u>Units</u> | <u>Measurement Frequency</u> | <u>Sample Type</u> | | |
| 71900 - (Mercury, Total (as Hg)) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | ug/l | 1/quarter | Grab |
| 01104 - (Aluminum, Total Recoverable) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/quarter | 24 hr Composite |
| 00980 - (Iron, Total Recoverable) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/quarter | 24 hr Composite |
| 00981 - (Selenium, Total Recoverable) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/quarter | 24 hr Composite |
| 00978 - (Arsenic, Total Recoverable) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/quarter | 24 hr Composite |
| 01097 - (Antimony, Total (as Sb)) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/quarter | 24 hr Composite |
| 38677 - (Bromomethane) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/quarter | Grab |
| 32104 - (Bromoform) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/quarter | Grab |

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):

Outlet 007 - 18" diameter galvanized steel pipe.

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

A.007 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:

Permit Limits

During the period beginning 9/1/2018 and lasting through midnight 7/29/2023 the permittee is authorized to discharge from Outlet Number(s) 007 (Cooling Water, Storm Water Runoff)

Such discharges shall be limited and monitored by the permittee as specified below:

| <u>Effluent Characteristic</u> | <u>Discharge Limitations</u> | | | | <u>Monitoring Requirements</u> | | | | |
|--|------------------------------|-----|--------------|--------------------|--------------------------------|------------------------------|--------------------|-----------|-----------------|
| | <u>Quantity</u> | | <u>Units</u> | <u>Other Units</u> | <u>Units</u> | <u>Measurement Frequency</u> | <u>Sample Type</u> | | |
| 32730 - (Phenolics, Total Recoverable) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/quarter | 24 hr Composite |
| 00011 - (Temperature, F) (Year Round) (ML-7) (RF-A) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | DEG.F | 1/month | Insitu |
| Upstream / Intake Temperature | | | | | | | | | |
| 00011 - (Temperature, F) (January 1-31) (ML-1) (RF-A) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | DEG.F | 1/month | Insitu |
| Effluent Temperature | | | | | | | | | |
| 00011 - (Temperature, F) (February 1-28) (ML-1) (RF-A) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | DEG.F | 1/month | Insitu |
| Effluent Temperature | | | | | | | | | |
| 00011 - (Temperature, F) (March 1-31) (ML-1) (RF-A) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | DEG.F | 1/month | Insitu |
| Effluent Temperature | | | | | | | | | |
| 00011 - (Temperature, F) (April 1-30) (ML-1) (RF-A) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | DEG.F | 1/month | Insitu |
| Effluent Temperature | | | | | | | | | |
| 00011 - (Temperature, F) (May 1-31) (ML-1) (RF-A) Interim: 9/1/2018 to 8/31/2021 | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | DEG.F | 1/month | Insitu |
| Effluent Temperature | | | | | | | | | |
| 00011 - (Temperature, F) (May 1-31) (ML-1) (RF-A) Final: 09/01/2021 to 7/29/2023 | N/A | N/A | N/A | N/A | 78 Avg. Monthly | 90 Max. Daily | DEG.F | 1/month | Insitu |
| Effluent Temperature | | | | | | | | | |

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):

Outlet 007 - 18" diameter galvanized steel pipe.

This discharge shall comply with Appendix A - (MANAGEMENT CONDITIONS) - 12.

A.007 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:

Permit Limits

During the period beginning 9/1/2018 and lasting through midnight 7/29/2023 the permittee is authorized to discharge from Outlet Number(s) 007 (Cooling Water, Storm Water Runoff)

Such discharges shall be limited and monitored by the permittee as specified below:

| Such discharges shall be limited and monitored by the permittee as specified below: | | | | | | | Monitoring Requirements | |
|--|-----------------------|-----|-------|-------------|--------------------------|--------------------------|-------------------------|-------------------|
| Effluent Characteristic | Discharge Limitations | | | | | | | |
| | Quantity | | Units | Other Units | Units | Measurement Frequency | Sample Type | |
| 00011 - (Temperature, F) (June 1-30) (ML-1) (RF-A) | N/A | N/A | N/A | N/A | 97 Avg. Monthly | 110 Max. Daily | DEG.F | 1/month Insitu |
| Effluent Temperature | | | | | | | | |
| 00011 - (Temperature, F) (July 1-31) (ML-1) (RF-A) | N/A | N/A | N/A | N/A | 101 Avg. Monthly | 110 Max. Daily | DEG.F | 1/month Insitu |
| Effluent Temperature | | | | | | | | |
| 00011 - (Temperature, F) (August 1-31) (ML-1) (RF-A) | N/A | N/A | N/A | N/A | 98 Avg. Monthly | 110 Max. Daily | DEG.F | 1/month Insitu |
| Effluent Temperature | | | | | | | | |
| 00011 - (Temperature, F) (September 1-30) (ML-1) (RF-A) | N/A | N/A | N/A | N/A | 94 Avg. Monthly | 109 Max. Daily | DEG.F | 1/month Insitu |
| Effluent Temperature | | | | | | | | |
| 00011 - (Temperature, F) (October 1-31) (ML-1) (RF-A) Interim: 9/1/2018 to 8/31/2021 | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | DEG.F | 1/month Insitu |
| Effluent Temperature | | | | | | | | |
| 00011 - (Temperature, F) (October 1-31) (ML-1) (RF-A) Final: 09/01/2021 to 7/29/2023 | N/A | N/A | N/A | N/A | 81 Avg. Monthly | 93 Max. Daily | DEG.F | 1/month Insitu |
| Effluent Temperature | | | | | | | | |
| 00011 - (Temperature, F) (November 1-30) (ML-1) (RF-A) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | DEG.F | 1/month Insitu |
| Effluent Temperature | | | | | | | | |
| 00011 - (Temperature, F) (December 1-31) (ML-1) (RF-A) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | DEG.F | 1/month Insitu |
| Effluent Temperature | | | | | | | | |

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):

Outlet 007 - 18" diameter galvanized steel pipe.

This discharge shall comply with Appendix A - (MANAGEMENT CONDITIONS) - 12.

A.007 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:

Permit Limits

During the period beginning 9/1/2018 and lasting through midnight 7/29/2023 the permittee is authorized to discharge from Outlet Number(s) 007 (Cooling Water, Storm Water Runoff).

Such discharges shall be limited and monitored by the permittee as specified below:

| <u>Effluent Characteristic</u> | <u>Discharge Limitations</u> | | | | <u>Monitoring Requirements</u> | | | | |
|---|------------------------------|------------------------|--------------|--------------------|--------------------------------|----------------------------------|------------------------|-----------|-----------------|
| | <u>Quantity</u> | | <u>Units</u> | <u>Other Units</u> | <u>Units</u> | <u>Measurement Frequency</u> | <u>Sample Type</u> | | |
| 00680 - (Total Organic Carbon) (Year Round) (ML-1) (RF-A) | N/A | N/A | N/A | N/A | 5.2 Avg. Monthly | 6.9 Max. Daily | mg/l | 1/month | 24 hr Composite |
| 81020 - (Sulfate) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/quarter | 24 hr Composite |
| 01059 - (Thallium, Total (as Tl)) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/quarter | 24 hr Composite |
| 51065 - (PFOA) (Year Round) (ML-1) (RF-A) | Rpt Only Avg. Monthly | Rpt Only Max. Daily | Lbs/Day | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/month | 24 hr Composite |
| 51715 - (HFPO Dimer Acid) (Year Round) (ML-1) (RF-A) | Rpt Only Avg. Monthly | Rpt Only Max. Daily | Lbs/Day | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/month | 24 hr Composite |

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):

Outlet 007 - 18" diameter galvanized steel pipe.

This discharge shall comply with Appendix A - (MANAGEMENT CONDITIONS) - 12.

A.011 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:

Permit Limits

During the period beginning 9/1/2018 and lasting through midnight 7/29/2023 the permittee is authorized to discharge from Outlet Number(s) 011 (Storm Water Runoff)

Such discharges shall be limited and monitored by the permittee as specified below:

| <u>Effluent Characteristic</u> | <u>Discharge Limitations</u> | | | | <u>Monitoring Requirements</u> | | | | |
|--|------------------------------|-----|--------------|------------------------|--------------------------------|------------------------------|--------------------|-----------|-----------|
| | <u>Quantity</u> | | <u>Units</u> | <u>Other Units</u> | <u>Units</u> | <u>Measurement Frequency</u> | <u>Sample Type</u> | | |
| 50050 - (Flow, in Conduit or thru plant) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mgd | 1/quarter | Estimated |
| 00530 - (Total Suspended Solids) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/quarter | Grab |
| 00400 - (pH) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | Rpt Only Inst. Min. | N/A | Rpt Only Inst. Max | S.U. | 1/quarter | Grab |
| 00610 - (Ammonia Nitrogen) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/quarter | Grab |
| 01104 - (Aluminum, Total Recoverable) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/quarter | Grab |
| 00980 - (Iron, Total Recoverable) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/quarter | Grab |
| 81017 - (Chem. Oxygen Demand) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/quarter | Grab |
| 51065 - (PFOA) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | ug/l | 1/quarter | Grab |

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):
Outlet 011 - 2' wide earthen ditch.

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

A.011 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning 9/1/2018 and lasting through midnight 7/29/2023 the permittee is authorized to discharge from Outlet Number(s) 011 (Storm Water Runoff)

Such discharges shall be limited and monitored by the permittee as specified below:

| <u>Effluent Characteristic</u> | <u>Discharge Limitations</u> | | | | <u>Monitoring Requirements</u> | | <u>Units</u> | <u>Measurement Frequency</u> | <u>Sample Type</u> |
|---|------------------------------|-----|--------------|--------------------|--------------------------------|-----------------------|--------------|----------------------------------|------------------------|
| | <u>Quantity</u> | | <u>Units</u> | <u>Other Units</u> | | | | | |
| 51715 - (HFPO Dimer Acid) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max Daily | ug/l | 1/quarter | Grab |

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):

Outlet 011 - 2' wide earthen ditch.

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

A.016 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning 9/1/2018 and lasting through midnight 7/29/2023 the permittee is authorized to discharge from Outlet Number(s) 016 (Storm Water Runoff)

Such discharges shall be limited and monitored by the permittee as specified below:

| <u>Effluent Characteristic</u> | <u>Discharge Limitations</u> | | | | <u>Monitoring Requirements</u> | | | | |
|--|------------------------------|-----|--------------|------------------------|--------------------------------|------------------------------|--------------------|------------|-----------|
| | <u>Quantity</u> | | <u>Units</u> | <u>Other Units</u> | <u>Units</u> | <u>Measurement Frequency</u> | <u>Sample Type</u> | | |
| 50050 - (Flow, in Conduit or thru plant) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mgd | 1/quarter | Estimated |
| 00530 - (Total Suspended Solids) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/quarter | Grab |
| 00400 - (pH) (Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | Rpt Only Inst. Min. | N/A | Rpt Only Inst. Max. | S.U. | 1/6 months | Grab |
| 00610 - (Ammonia Nitrogen) (Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/6 months | Grab |
| 01104 - (Aluminum, Total Recoverable) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/quarter | Grab |
| 00980 - (Iron, Total Recoverable) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/quarter | Grab |
| 81017 - (Chem. Oxygen Demand) (Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/6 months | Grab |
| 51065 - (PFOA) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | ug/l | 1/quarter | Grab |

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):
Outlet 016

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

A.016 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning 9/1/2018 and lasting through midnight 7/29/2023 the permittee is authorized to discharge from Outlet Number(s) 016 (Storm Water Runoff)

Such discharges shall be limited and monitored by the permittee as specified below:

| <u>Effluent Characteristic</u> | <u>Discharge Limitations</u> | | | | <u>Monitoring Requirements</u> | | <u>Units</u> | <u>Measurement Frequency</u> | <u>Sample Type</u> |
|---|------------------------------|-----|--------------|--------------------|--------------------------------|------------------------|--------------|----------------------------------|------------------------|
| | <u>Quantity</u> | | <u>Units</u> | <u>Other Units</u> | | | | | |
| 51715 - (HFPO Dimer Acid) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | ug/l | 1/quarter | Grab |

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):
Outlet 016

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

A.019 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:

Permit Limits

During the period beginning 9/1/2018 and lasting through midnight 7/29/2023 the permittee is authorized to discharge from Outlet Number(s) 019 (Storm Water Runoff)

Such discharges shall be limited and monitored by the permittee as specified below:

| <u>Effluent Characteristic</u> | <u>Discharge Limitations</u> | | | | <u>Monitoring Requirements</u> | | | | |
|--|------------------------------|-----|--------------|-----------------------|--------------------------------|------------------------------|--------------------|------------|-----------|
| | <u>Quantity</u> | | <u>Units</u> | <u>Other Units</u> | <u>Units</u> | <u>Measurement Frequency</u> | <u>Sample Type</u> | | |
| 50050 - (Flow, In Conduit or thru plant) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mgd | 1/quarter | Estimated |
| 00530 - (Total Suspended Solids) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/quarter | Grab |
| 00400 - (pH) (Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | Rpt Only Inst. Min | N/A | Rpt Only Inst. Max | S.U. | 1/6 months | Grab |
| 00610 - (Ammonia Nitrogen) (Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/6 months | Grab |
| 01104 - (Aluminum, Total Recoverable) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/quarter | Grab |
| 00980 - (Iron, Total Recoverable) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/quarter | Grab |
| 81017 - (Chem. Oxygen Demand) (Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/6 months | Grab |
| 51065 - (PFOA) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | ug/l | 1/quarter | Grab |

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):

Outlet 019

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

A.019 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning 9/1/2018 and lasting through midnight 7/29/2023 the permittee is authorized to discharge from Outlet Number(s) 019 (Storm Water Runoff)

Such discharges shall be limited and monitored by the permittee as specified below:

| <u>Effluent Characteristic</u> | <u>Discharge Limitations</u> | | | | <u>Monitoring Requirements</u> | | | | |
|---|------------------------------|-----|--------------|--------------------|--------------------------------|-----------------------|----------------------------------|------------------------|------|
| | <u>Quantity</u> | | <u>Units</u> | <u>Other Units</u> | | <u>Units</u> | <u>Measurement Frequency</u> | <u>Sample Type</u> | |
| 51715 - (HFPO Dimer Acid) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg Monthly | Rpt Only Max Daily | ug/l | 1/quarter | Grab |

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):
Outlet 019

This discharge shall comply with Appendix A - (MANAGEMENT CONDITIONS I - 12.

A.022 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning 9/1/2018 and lasting through midnight 7/29/2023 the permittee is authorized to discharge from Outlet Number(s) 022 (Storm Water Runoff)

Such discharges shall be limited and monitored by the permittee as specified below:

| <u>Effluent Characteristic</u> | <u>Discharge Limitations</u> | | | | <u>Monitoring Requirements</u> | | | | |
|--|------------------------------|-----|--------------|------------------------|--------------------------------|------------------------------|--------------------|------------|-----------|
| | <u>Quantity</u> | | <u>Units</u> | <u>Other Units</u> | <u>Units</u> | <u>Measurement Frequency</u> | <u>Sample Type</u> | | |
| 50050 - (Flow, in Conduit or thru plant) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mgd | 1/quarter | Estimated |
| 00530 - (Total Suspended Solids) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/quarter | Grab |
| 00400 - (pH) (Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | Rpt Only Inst. Min. | N/A | Rpt Only Inst. Max. | S.U. | 1/6 months | Grab |
| 00610 - (Ammonia Nitrogen) (Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/6 months | Grab |
| 01104 - (Aluminum, Total Recoverable) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/quarter | Grab |
| 00980 - (Iron, Total Recoverable) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/quarter | Grab |
| 81017 - (Chem. Oxygen Demand) (Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/6 months | Grab |
| 51065 - (PFOA) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | ug/l | 1/quarter | Grab |

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):

Outlet 022

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

Page No.: 37 of 84
Permit No.: WV0001279

A.022 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning 9/1/2018 and lasting through midnight 7/29/2023 the permittee is authorized to discharge from Outlet Number(s) 022 (Storm Water Runoff)

Such discharges shall be limited and monitored by the permittee as specified below:

| <u>Effluent Characteristic</u> | <u>Discharge Limitations</u> | | | | <u>Monitoring Requirements</u> | | <u>Units</u> | <u>Measurement Frequency</u> | <u>Sample Type</u> |
|------------------------------------|------------------------------|-----|--------------|--------------------|--------------------------------|------------|--------------|----------------------------------|------------------------|
| | <u>Quantity</u> | | <u>Units</u> | <u>Other Units</u> | | | | | |
| 51715 - (HFPO Dimer Acid) | N/A | N/A | N/A | N/A | Rpt Only | Rpt Only | ug/l | 1/quarter | Grab |
| (Year Round) (ML-1) (RF-B) | | | | | Avg. Monthly | Max. Daily | | | |

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):
Outlet 022

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

A.023 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:
Permit Limits

During the period beginning 9/1/2018 and lasting through midnight 7/29/2023 the permittee is authorized to discharge from Outlet Number(s) 023 (Storm Water Runoff)

Such discharges shall be limited and monitored by the permittee as specified below:

| <u>Effluent Characteristic</u> | <u>Discharge Limitations</u> | | | | <u>Monitoring Requirements</u> | | | | |
|--|------------------------------|-----|--------------|-----------------------|--------------------------------|------------------------------|--------------------|------------|-----------|
| | <u>Quantity</u> | | <u>Units</u> | <u>Other Units</u> | <u>Units</u> | <u>Measurement Frequency</u> | <u>Sample Type</u> | | |
| 50050 - (Flow, in Conduit or thru plant) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mgd | 1/quarter | Estimated |
| 00530 - (Total Suspended Solids) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/quarter | Grab |
| 00400 - (pH) (Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | Rpt Only Inst. Min | N/A | Rpt Only Inst. Max | S.U. | 1/6 months | Grab |
| 00610 - (Ammonia Nitrogen) (Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/6 months | Grab |
| 01104 - (Aluminum, Total Recoverable) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/quarter | Grab |
| 00980 - (Iron, Total Recoverable) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/quarter | Grab |
| 81017 - (Chem. Oxygen Demand) (Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/6 months | Grab |
| 51065 - (PFOA) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | ug/l | 1/quarter | Grab |

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):
Outlet 023

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

A.023 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:
Permit Limits

During the period beginning 9/1/2018 and lasting through midnight 7/29/2023 the permittee is authorized to discharge from Outlet Number(s) 023 (Storm Water Runoff)

Such discharges shall be limited and monitored by the permittee as specified below:

| Effluent Characteristic | Discharge Limitations | | | | Monitoring Requirements | | Units | Measurement Frequency | Sample Type |
|---|-----------------------|-----|-------|-------------|--------------------------|------------------------|-------|--------------------------|----------------|
| | Quantity | | Units | Other Units | | | | | |
| 51715 - (HFPO Dimer Acid) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | ug/l | 1/quarter | Grab |

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):
Outlet 023

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

A.025 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:

Permit Limits

During the period beginning 9/1/2018 and lasting through midnight 7/29/2023 the permittee is authorized to discharge from Outlet Number(s) 025 (Storm Water Runoff)

Such discharges shall be limited and monitored by the permittee as specified below:

| <u>Effluent Characteristic</u> | <u>Discharge Limitations</u> | | | | <u>Monitoring Requirements</u> | | | | |
|---|------------------------------|-----|--------------|------------------------|--------------------------------|------------------------------|--------------------|------------|-----------|
| | <u>Quantity</u> | | <u>Units</u> | <u>Other Units</u> | <u>Units</u> | <u>Measurement Frequency</u> | <u>Sample Type</u> | | |
| 50050 - (Flow,in Conduit or thru plant) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mgd | 1/quarter | Estimated |
| 00530 - (Total Suspended Solids) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/quarter | Grab |
| 00400 - (pH) (Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | Rpt Only Inst. Min. | N/A | Rpt Only Inst. Max. | S.U. | 1/6 months | Grab |
| 00610 - (Ammonia Nitrogen) (Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/6 months | Grab |
| 01104 - (Aluminum, Total Recoverable) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/quarter | Grab |
| 00980 - (Iron, Total Recoverable) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/quarter | Grab |
| 81017 - (Chem. Oxygen Demand) (Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/6 months | Grab |
| 51065 - (PFOA) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | ug/l | 1/quarter | Grab |

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):

Outlet 025

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

A.025 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning 9/1/2018 and lasting through midnight 7/29/2023 the permittee is authorized to discharge from Outlet Number(s) 025 (Storm Water Runoff)

Such discharges shall be limited and monitored by the permittee as specified below:

| Such discharges shall be limited and monitored by the permittee as specified below: | | | | | | | <u>Monitoring Requirements</u> | |
|---|------------------------------|-----|--------------|--------------------|--------------------------|------------------------|--------------------------------|-------------------|
| <u>Effluent Characteristic</u> | <u>Discharge Limitations</u> | | | | | | <u>Measurement</u> | <u>Sample</u> |
| | <u>Quantity</u> | | <u>Units</u> | <u>Other Units</u> | | <u>Units</u> | <u>Frequency</u> | <u>Type</u> |
| 51715 - (HFPO Dimer Acid) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | ug/l | 1/quarter Grab |

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):
Outlet 025

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

A.026 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:

Permit Limits

During the period beginning 9/1/2018 and lasting through midnight 7/29/2023 the permittee is authorized to discharge from Outlet Number(s) 026 (Storm Water Runoff)

Such discharges shall be limited and monitored by the permittee as specified below:

| <u>Effluent Characteristic</u> | <u>Discharge Limitations</u> | | | | <u>Monitoring Requirements</u> | | | | |
|--|------------------------------|-----|--------------|-----------------------|--------------------------------|------------------------------|--------------------|------------|-----------|
| | <u>Quantity</u> | | <u>Units</u> | <u>Other Units</u> | <u>Units</u> | <u>Measurement Frequency</u> | <u>Sample Type</u> | | |
| 50050 - (Flow, in Conduit or thru plant) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mgd | 1/quarter | Estimated |
| 00530 - (Total Suspended Solids) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/quarter | Grab |
| 00400 - (pH) (Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | Rpt Only Inst. Min | N/A | Rpt Only Inst. Max | S.U. | 1/6 months | Grab |
| 00610 - (Ammonia Nitrogen) (Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/6 months | Grab |
| 01104 - (Aluminum, Total Recoverable) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/quarter | Grab |
| 00980 - (Iron, Total Recoverable) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/quarter | Grab |
| 81017 - (Chem. Oxygen Demand) (Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/6 months | Grab |
| 51065 - (PFOA) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | ug/l | 1/quarter | Grab |

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):

Outlet 026

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

A.026 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning 9/1/2018 and lasting through midnight 7/29/2023 the permittee is authorized to discharge from Outlet Number(s) 026 (Storm Water Runoff)

Such discharges shall be limited and monitored by the permittee as specified below:

| Such discharges shall be limited and monitored by the permittee as specified below: | | | | | | | Monitoring Requirements | | |
|---|-----------------------|-----|-------|-------------|--------------------------|-----------------------|--------------------------|----------------|------|
| Effluent Characteristic | Discharge Limitations | | | | | | | | |
| | Quantity | | Units | Other Units | Units | | Measurement Frequency | Sample Type | |
| 51715 - (HFPO Dimer Acid) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max Daily | ug/l | 1/quarter | Grab |

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):
Outlet 026

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS | - 12.

A.030 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning 9/1/2018 and lasting through midnight 7/29/2023 the permittee is authorized to discharge from Outlet Number(s) 030 (Storm Water Runoff)

Such discharges shall be limited and monitored by the permittee as specified below:

| <u>Effluent Characteristic</u> | <u>Discharge Limitations</u> | | | | <u>Monitoring Requirements</u> | | | | |
|--|------------------------------|-----|--------------|------------------------|--------------------------------|------------------------------|--------------------|------------|-----------|
| | <u>Quantity</u> | | <u>Units</u> | <u>Other Units</u> | <u>Units</u> | <u>Measurement Frequency</u> | <u>Sample Type</u> | | |
| 50050 - (Flow, In Conduit or thru plant) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mgd | 1/quarter | Estimated |
| 00530 - (Total Suspended Solids) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/quarter | Grab |
| 00400 - (pH) (Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | Rpt Only Inst. Min. | N/A | Rpt Only Inst. Max. | S.U. | 1/6 months | Grab |
| 00810 - (Ammonia Nitrogen) (Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/6 months | Grab |
| 01104 - (Aluminum, Total Recoverable) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/quarter | Grab |
| 00980 - (Iron, Total Recoverable) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/quarter | Grab |
| 81017 - (Chem. Oxygen Demand) (Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/6 months | Grab |
| 51065 - (PFOA) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | ug/l | 1/quarter | Grab |

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):

Outlet 030 - Discharge of 18" storm water culvert under plant road.

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

A.030 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:

Permit Limits

During the period beginning 9/1/2018 and lasting through midnight 7/29/2023 the permittee is authorized to discharge from Outlet Number(s) 030 (Storm Water Runoff)

Such discharges shall be limited and monitored by the permittee as specified below:

| Such discharges shall be limited and monitored by the permittee as specified below: | | | | | | | | Monitoring Requirements | |
|---|-----------------------|-----|-------|-------------|--------------|------------|-----------|-------------------------|--------|
| Effluent Characteristic | Discharge Limitations | | | | | | | Measurement | Sample |
| | Quantity | | Units | Other Units | | Units | Frequency | Type | |
| 51715 - (HFPO Dimer Acid) | N/A | N/A | N/A | N/A | Rpt Only | Rpt Only | ug/l | 1/quarter | Grab |
| (Year Round) (ML-1) (RF-B) | | | | | Avg. Monthly | Max. Daily | | | |

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):

Outlet 030 - Discharge of 18" storm water culvert under plant road.

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

A.031 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:

Permit Limits

During the period beginning 9/1/2018 and lasting through midnight 7/29/2023 the permittee is authorized to discharge from Outlet Number(s) 031 (Storm Water Runoff)

Such discharges shall be limited and monitored by the permittee as specified below:

| <u>Effluent Characteristic</u> | <u>Discharge Limitations</u> | | | | <u>Monitoring Requirements</u> | | | | |
|--|------------------------------|-----|--------------|-----------------------|--------------------------------|------------------------------|--------------------|------------|-----------|
| | <u>Quantity</u> | | <u>Units</u> | <u>Other Units</u> | <u>Units</u> | <u>Measurement Frequency</u> | <u>Sample Type</u> | | |
| 50050 - (Flow, in Conduit or thru plant) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mgd | 1/quarter | Estimated |
| 00530 - (Total Suspended Solids) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/quarter | Grab |
| 00400 - (pH) (Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | Rpt Only Inst. Min | N/A | Rpt Only Inst. Max | S U. | 1/6 months | Grab |
| 00610 - (Ammonia Nitrogen) (Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/6 months | Grab |
| 01104 - (Aluminum, Total Recoverable) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/quarter | Grab |
| 00980 - (Iron, Total Recoverable) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/quarter | Grab |
| 81017 - (Chem. Oxygen Demand) (Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/6 months | Grab |
| 51065 - (PFOA) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | ug/l | 1/quarter | Grab |

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):

Outlet 031 - Discharge of 18" storm water culvert under plant road.

This discharge shall comply with Appendix A - (MANAGEMENT CONDITIONS) - 12.

A.031 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:

Permit Limits

During the period beginning 9/1/2018 and lasting through midnight 7/29/2023 the permittee is authorized to discharge from Outlet Number(s) 031 (Storm Water Runoff)

Such discharges shall be limited and monitored by the permittee as specified below:

| <u>Effluent</u> <u>Characteristic</u> | <u>Quantity</u> | | <u>Discharge Limitations</u> | | <u>Other Units</u> | | <u>Units</u> | <u>Monitoring Requirements</u> | <u>Sample</u> <u>Type</u> |
|--|-----------------|-----|------------------------------|--------------------|--------------------|--------------------|--------------|--|------------------------------|
| | | | <u>Units</u> | <u>Other Units</u> | <u>Other Units</u> | <u>Other Units</u> | | <u>Measurement</u> <u>Frequency</u> | |
| 51715 - (HFPO Dimer Acid) | N/A | N/A | N/A | N/A | Rpt Only | Rpt Only | ug/l | 1/quarter | Grab |
| (Year Round) (ML-1) (RF-B) | | | | | Avg Monthly | Max Daily | | | |

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):

Outlet 031 - Discharge of 18" storm water culvert under plant road.

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

A.032 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning 9/1/2018 and lasting through midnight 7/29/2023 the permittee is authorized to discharge from Outlet Number(s) 032 (Storm Water Runoff)

Such discharges shall be limited and monitored by the permittee as specified below:

| Such discharges shall be limited and monitored by the permittee as specified below: | | | | | | | Monitoring Requirements | | |
|---|-----------------------|-----|-------|------------------------|--------------------------|--------------------------|-------------------------|------------|-----------|
| Effluent Characteristic | Discharge Limitations | | | | | | | | |
| | Quantity | | Units | Other Units | Units | Measurement Frequency | Sample Type | | |
| 50050 - (Flow,in Conduit or thru plant) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mgd | 1/quarter | Estimated |
| 00530 - (Total Suspended Solids) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/quarter | Grab |
| 00400 - (pH) (Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | Rpt Only Inst. Min. | N/A | Rpt Only Inst. Max. | S.U. | 1/6 months | Grab |
| 00810 - (Ammonia Nitrogen) (Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/6 months | Grab |
| 01104 - (Aluminum, Total Recoverable) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/quarter | Grab |
| 00980 - (Iron, Total Recoverable) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/quarter | Grab |
| 81017 - (Chem. Oxygen Demand) (Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/6 months | Grab |
| 51065 - (PFOA) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | ug/l | 1/quarter | Grab |

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):

Outlet 032 - Discharge of 18" storm water culvert under plant road.

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

A.032 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning 9/1/2018 and lasting through midnight 7/29/2023 the permittee is authorized to discharge from Outlet Number(s) 032 (Storm Water Runoff)

Such discharges shall be limited and monitored by the permittee as specified below:

| <u>Effluent Characteristic</u> | <u>Discharge Limitations</u> | | | | <u>Monitoring Requirements</u> | | <u>Units</u> | <u>Measurement Frequency</u> | <u>Sample Type</u> |
|------------------------------------|------------------------------|-----|--------------|--------------------|--------------------------------|------------|--------------|----------------------------------|------------------------|
| | <u>Quantity</u> | | <u>Units</u> | <u>Other Units</u> | | | | | |
| 51715 - (HFPO Dimer Acid) | N/A | N/A | N/A | N/A | Rpt Only | Rpt Only | ug/l | 1/quarter | Grab |
| (Year Round) (ML-1) (RF-B) | | | | | Avg. Monthly | Max. Daily | | | |

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):
Outlet 032 - Discharge of 18" storm water culvert under plant road.

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

A.033 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning 9/1/2018 and lasting through midnight 7/29/2023 the permittee is authorized to discharge from Outlet Number(s) 033 (Storm Water Runoff)

Such discharges shall be limited and monitored by the permittee as specified below:

| <u>Effluent Characteristic</u> | <u>Discharge Limitations</u> | | | | <u>Monitoring Requirements</u> | | | | |
|--|------------------------------|-----|--------------|------------------------|--------------------------------|------------------------------|--------------------|------------|-----------|
| | <u>Quantity</u> | | <u>Units</u> | <u>Other Units</u> | <u>Units</u> | <u>Measurement Frequency</u> | <u>Sample Type</u> | | |
| 50050 - (Flow, in Conduit or thru plant) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mgd | 1/quarter | Estimated |
| 00530 - (Total Suspended Solids) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/quarter | Grab |
| 00400 - (pH) (Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | Rpt Only Inst. Min. | N/A | Rpt Only Inst. Max. | S U | 1/6 months | Grab |
| 00610 - (Ammonia Nitrogen) (Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/6 months | Grab |
| 01104 - (Aluminum, Total Recoverable) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/quarter | Grab |
| 00980 - (Iron, Total Recoverable) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/quarter | Grab |
| 81017 - (Chem. Oxygen Demand) (Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/6 months | Grab |
| 51065 - (PFOA) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | ug/l | 1/quarter | Grab |

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):

Outlet 033 - Discharge of 18" storm water culvert under plant road.

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

A.033 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning 9/1/2018 and lasting through midnight 7/29/2023 the permittee is authorized to discharge from Outlet Number(s) 033 (Storm Water Runoff)

Such discharges shall be limited and monitored by the permittee as specified below:

| <u>Effluent Characteristic</u> | <u>Quantity</u> | | <u>Discharge Limitations</u> | | | | <u>Units</u> | <u>Monitoring Requirements</u> | |
|---|-----------------|-----|------------------------------|--------------------|-------------------------|-----------------------|--------------|----------------------------------|------------------------|
| | | | <u>Units</u> | <u>Other Units</u> | | | | <u>Measurement Frequency</u> | <u>Sample Type</u> |
| 51715 - (HFPO Dimer Acid) (Year Round) (ML-1) (RF-8) | N/A | N/A | N/A | N/A | Rpt Only Avg Monthly | Rpt Only Max Daily | ug/l | 1/quarter | Grab |

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):

Outlet 033 - Discharge of 18" storm water culvert under plant road.

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

Page No.: 52 of 84
Permit No.: WV0001279

A.034 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:

Permit Limits

During the period beginning 9/1/2018 and lasting through midnight 7/29/2023 the permittee is authorized to discharge from Outlet Number(s) 034 (Storm Water Runoff)

Such discharges shall be limited and monitored by the permittee as specified below:

| <u>Effluent Characteristic</u> | <u>Discharge Limitations</u> | | | | <u>Monitoring Requirements</u> | | <u>Units</u> | <u>Measurement Frequency</u> | <u>Sample Type</u> |
|---|------------------------------|-----|--------------|------------------------|--------------------------------|------------------------|--------------|------------------------------|--------------------|
| | <u>Quantity</u> | | <u>Units</u> | <u>Other Units</u> | | | | | |
| 50050 - (Flow,in Conduit or thru plant) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mgd | 1/quarter | Estimated |
| 00530 - (Total Suspended Solids) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/quarter | Grab |
| 00400 - (pH) (Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | Rpt Only Inst. Min. | N/A | Rpt Only Inst. Max. | S.U. | 1/6 months | Grab |
| 00610 - (Ammonia Nitrogen) (Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/6 months | Grab |
| 01104 - (Aluminum, Total Recoverable) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/quarter | Grab |
| 00980 - (Iron, Total Recoverable) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/quarter | Grab |
| 81017 - (Chem. Oxygen Demand) (Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/6 months | Grab |
| 51065 - (PFOA) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | ug/l | 1/quarter | Grab |

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):

Outlet 034 - Discharge of 18" storm water culvert under plant road.

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

A.034 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning 9/1/2018 and lasting through midnight 7/29/2023 the permittee is authorized to discharge from Outlet Number(s) 034 (Storm Water Runoff)

Such discharges shall be limited and monitored by the permittee as specified below:

| <u>Effluent Characteristic</u> | <u>Discharge Limitations</u> | | | | <u>Monitoring Requirements</u> | | <u>Units</u> | <u>Measurement Frequency</u> | <u>Sample Type</u> |
|---|------------------------------|-----|--------------|--------------------|--------------------------------|------------------------|--------------|----------------------------------|------------------------|
| | <u>Quantity</u> | | <u>Units</u> | <u>Other Units</u> | | | | | |
| 51715 - (HFPO Dimer Acid) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | ug/l | 1/quarter | Grab |

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):

Outlet 034 - Discharge of 18" storm water culvert under plant road.

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

Page No.: 54 of 84

Permit No.: WV0001279

A.036 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:

Permit Limits

During the period beginning 9/1/2018 and lasting through midnight 7/29/2023 the permittee is authorized to discharge from Outlet Number(s) 036 (Storm Water Runoff)

Such discharges shall be limited and monitored by the permittee as specified below:

| Such discharges shall be limited and monitored by the permittee as specified below: | | | | | | | | | |
|---|-----------------------|-----|-------|-----------------------|--------------------------|--------------------------|----------------|------------|-----------|
| Effluent Characteristic | Discharge Limitations | | | | Monitoring Requirements | | | | |
| | Quantity | | Units | Other Units | Units | Measurement Frequency | Sample Type | | |
| 50050 - (Flow,In Conduit or thru plant) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mgd | 1/quarter | Estimated |
| 00530 - (Total Suspended Solids) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/quarter | Grab |
| 00400 - (pH) (Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | Rpt Only Inst. Min | N/A | Rpt Only Inst. Max | S.U. | 1/6 months | Grab |
| 00610 - (Ammonia Nitrogen) (Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/6 months | Grab |
| 01104 - (Aluminum, Total Recoverable) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/quarter | Grab |
| 00980 - (Iron, Total Recoverable) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/quarter | Grab |
| 81017 - (Chem. Oxygen Demand) (Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/6 months | Grab |
| 51065 - (PFOA) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | ug/l | 1/quarter | Grab |

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):

Outlet 036 - Discharge of 18" storm water culvert under plant road.

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS | - 12.

A.036 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:

Permit Limits

During the period beginning 9/1/2018 and lasting through midnight 7/29/2023 the permittee is authorized to discharge from Outlet Number(s) 036 (Storm Water Runoff)

Such discharges shall be limited and monitored by the permittee as specified below:

| Such discharges shall be limited and monitored by the permittee as specified below: | | | | | | | | Monitoring Requirements | |
|---|-----------------------|-----|-------|-------------|--------------------------|------------------------|--------------------------|-------------------------|------|
| Effluent Characteristic | Discharge Limitations | | | | | | | | |
| | Quantity | | Units | Other Units | | Units | Measurement Frequency | Sample Type | |
| 51715 - (HFPO Dimer Acid) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | ug/l | 1/quarter | Grab |

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):
Outlet 036 - Discharge of 18" storm water culvert under plant road.

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

A.102 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:

Permit Limits

During the period beginning 9/1/2018 and lasting through midnight 7/29/2023 the permittee is authorized to discharge from Outlet Number(s) 102 (Process Water)

Such discharges shall be limited and monitored by the permittee as specified below:

| Such discharges shall be limited and monitored by the permittee as specified below: | | | | | | | Monitoring Requirements | |
|---|-----------------------|-----|-------|-------------|--------------------------|------------------------|-------------------------|---------------------|
| Effluent Characteristic | Discharge Limitations | | | | | | Measurement | Sample |
| | Quantity | | Units | Other Units | Units | Frequency | Type | |
| 50050 - (Flow,in Conduit or thru plant) (Year Round) (ML-1) (RF-A) Interim: 9/1/2018 to 8/31/2019 | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mgd | 1/week Estimated |
| 50050 - (Flow,in Conduit or thru plant) (Year Round) (ML-1) (RF-A) Final: 09/01/2019 to 7/29/2023 | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mgd | 1/week measured |

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):

Internal Outlet 102 - [Internal Outlet to Outlet 002] At the discharge from the Filaments Unit (Nylon Fibers) (E.I. DuPont). Process Water and Steam Condensate Only. Cooling water may be accepted but measurement shall not be included in reporting.

A.103 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning 9/1/2018 and lasting through midnight 7/29/2023 the permittee is authorized to discharge from Outlet Number(s) 103. (Cooling Water, Other)

Such discharges shall be limited and monitored by the permittee as specified below:

| Such discharges shall be limited and monitored by the permittee as specified below: | | | | | | | Monitoring Requirements | | |
|---|-----------------------|-----|-------|-------------|--------------------------|------------------------|--------------------------|----------------|-----------|
| Effluent Characteristic | Discharge Limitations | | | | | | Measurement Frequency | Sample Type | |
| | Quantity | | Units | Other Units | | Units | | | |
| 50050 - (Flow,in Conduit or thru plant) (Year Round) (ML-1) (RF-A) Final: 01/02/1900 to 7/29/2023 | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mgd | 1/month | Estimated |

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):

Internal Outlet 103 - [Internal Outlet to Outlet 003] At the discharge from the Kuraray Polyvinyl Resin Manufacturing Unit. Non-contact cooling water and steam condensate only.

A.105 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:
Permit Limits

During the period beginning 9/1/2018 and lasting through midnight 7/29/2023 the permittee is authorized to discharge from Outlet Number(s) 105 (Sanitary, Cooling Water, Process Water, Other)

Such discharges shall be limited and monitored by the permittee as specified below:

| <u>Effluent Characteristic</u> | <u>Discharge Limitations</u> | | | | <u>Monitoring Requirements</u> | | | | |
|---|------------------------------|--------------------|--------------|--------------------|--------------------------------|----------------------------------|------------------------|------------|-----------------|
| | <u>Quantity</u> | | <u>Units</u> | <u>Other Units</u> | <u>Units</u> | <u>Measurement Frequency</u> | <u>Sample Type</u> | | |
| 50050 - (Flow,in Conduit or thru plant) (Year Round) (ML-1) (RF-A) Final. 01/02/1900 to 7/29/2023 | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mgd | Continuous | Recorded |
| 00310 - (BOD, 5-Day 20 Deg.C) (Year Round) (ML-1) (RF-A) | 398 Avg. Monthly | 1061 Max. Daily | Lbs/Day | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/week | 24 hr Composite |
| 00530 - (Total Suspended Solids) (Year Round) (ML-1) (RF-A) | 568 Avg. Monthly | 1841 Max. Daily | Lbs/Day | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/week | 24 hr Composite |
| 01094 - (Zinc, Total Recoverable) (Year Round) (ML-1) (RF-B) | 2 Avg. Monthly | 5 Max. Daily | Lbs/Day | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/quarter | 24 hr Composite |

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):

Internal Outlet 105 - [Internal Outlet to Outlet 005] At the discharge from the biological treatment plant, prior to combining with Internal Outlet 205.

A.125 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:

Permit Limits

During the period beginning 9/1/2018 and lasting through midnight 7/29/2023 the permittee is authorized to discharge from Outlet Number(s) 125 (Process Water)

Such discharges shall be limited and monitored by the permittee as specified below:

| Such discharges shall be limited and monitored by the permittee as specified below: | | | | | | | | Monitoring Requirements | |
|---|-----------------------|-----|-------|-------------|--------------------------|------------------------|--------------------------|-------------------------|-----------|
| Effluent Characteristic | Discharge Limitations | | | | | | | | |
| | Quantity | | Units | Other Units | | Units | Measurement Frequency | Sample Type | |
| 50050 - (Flow,in Conduit or thru plant) (Year Round) (ML-1) (RF-A) Interm: 9/1/2018 to 11/30/2018 | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mgd | 1/week | Estimated |
| 50050 - (Flow,in Conduit or thru plant) (Year Round) (ML-1) (RF-A) Final: 12/01/2018 to 7/29/2023 | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mgd | 1/week | Estimated |

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):

Internal Outlet 125 - [Internal Outlet to Internal Outlet 105] At the discharge from the Kuraray Polyvinyl Resin Manufacturing Unit. Process Wastewater Only.

A.202 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning 9/1/2018 and lasting through midnight 7/29/2023 the permittee is authorized to discharge from Outlet Number(s) 202 (Noncontact Cooling Water)

Such discharges shall be limited and monitored by the permittee as specified below:

| <u>Effluent Characteristic</u> | <u>Discharge Limitations</u> | | | | <u>Monitoring Requirements</u> | | <u>Units</u> | <u>Measurement Frequency</u> | <u>Sample Type</u> |
|--|------------------------------|-----|--------------|--------------------|--------------------------------|-----------------------|--------------|----------------------------------|------------------------|
| | <u>Quantity</u> | | <u>Units</u> | <u>Other Units</u> | | | | | |
| 50050 - (Flow, in Conduit or thru plant) (Year Round) (ML-1) (RF-A) Final: 01/02/1900 to 7/29/2023 | N/A | N/A | N/A | N/A | Rpt Only Avg Monthly | Rpt Only Max Daily | mgd | 1/month | Estimated |

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):

Internal Outlet 202 - [Internal Outlet to Outlet 002] At the discharge from the Kuraray (Polyvinyl Resins) Manufacturing Unit. Non-contact cooling water only.

A.205 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:

Permit Limits

During the period beginning 9/1/2018 and lasting through midnight 7/29/2023 the permittee is authorized to discharge from Outlet Number(s) 205 (Cooling Water, Storm Water Runoff, Process Water, Other)

Such discharges shall be limited and monitored by the permittee as specified below:

| <u>Effluent Characteristic</u> | <u>Discharge Limitations</u> | | | | <u>Monitoring Requirements</u> | | <u>Units</u> | <u>Measurement Frequency</u> | <u>Sample Type</u> |
|--|------------------------------|------------------------|--------------|--------------------|--------------------------------|------------------------|--------------|------------------------------|--------------------|
| | <u>Quantity</u> | | <u>Units</u> | <u>Other Units</u> | | | | | |
| 50050 - (Flow, in Conduit or thru plant) (Year Round) (ML-1) (RF-A) Final: 01/02/1900 to 7/29/2023 | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mgd | 1/week | measured |
| 00310 - (BOD, 5-Day 20 Deg.C) (Year Round) (ML-1) (RF-A) | 866 Avg. Monthly | 2313 Max. Daily | Lbs/Day | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/week | 24 hr Composite |
| Effluent Gross Value | | | | | | | | | |
| 00530 - (Total Suspended Solids) (Year Round) (ML-7) (RF-A) | Rpt Only Avg. Monthly | Rpt Only Max. Daily | Lbs/Day | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/week | 24 hr Composite |
| River Intake TSS after any pretreatment, refer to Section C.32. | | | | | | | | | |
| 00530 - (Total Suspended Solids) (Year Round) (ML-2) (RF-A) | 1197 Avg. Monthly | 3878 Max. Daily | Lbs/Day | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/week | Calculated |
| Calculated Net TSS Value, refer to Section C.32. | | | | | | | | | |
| 00530 - (Total Suspended Solids) (Year Round) (ML-1) (RF-A) | Rpt Only Avg. Monthly | Rpt Only Max. Daily | Lbs/Day | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/week | 24 hr Composite |
| Effluent Gross Value | | | | | | | | | |

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):

Internal Outlet 205 - [Internal Outlet to Outlet 005] At the discharge from the Dechlorination System prior to mixing with Internal Outlet 105.

A.305 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning 9/1/2018 and lasting through midnight 7/29/2023 the permittee is authorized to discharge from Outlet Number(s) 305 (Process Water)

Such discharges shall be limited and monitored by the permittee as specified below:

| Such discharges shall be limited and monitored by the permittee as specified below: | | | | | | | | Monitoring Requirements | |
|---|-----------------------|-----|-------|-------------|--------------------------|------------------------|--------------------------|-------------------------|-----------|
| Effluent Characteristic | Discharge Limitations | | | | | | | | |
| | Quantity | | Units | Other Units | | Units | Measurement Frequency | Sample Type | |
| 50050 - (Flow,in Conduit or thru plant) (Year Round) (ML-1) (RF-A) Interm: 9/1/2018 to 8/31/2019 | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mgd | 1/week | Estimated |
| 50050 - (Flow,in Conduit or thru plant) (Year Round) (ML-1) (RF-A) Final: 09/01/2019 to 7/29/2023 | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mgd | 1/week | measured |

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):
Internal Outlet 305 - [Internal Outlet to Outlet 005] At the discharge from the Carbon Filters of the Fluoroproducts West Unit.

A.405 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning 9/1/2018 and lasting through midnight 7/29/2023 the permittee is authorized to discharge from Outlet Number(s) 405 (Process Water)

Such discharges shall be limited and monitored by the permittee as specified below:

| <u>Effluent Characteristic</u> | <u>Discharge Limitations</u> | | | | <u>Monitoring Requirements</u> | | | | |
|---|------------------------------|-----|--------------|--------------------|--------------------------------|----------------------------------|------------------------|--------|-----------|
| | <u>Quantity</u> | | <u>Units</u> | <u>Other Units</u> | <u>Units</u> | <u>Measurement Frequency</u> | <u>Sample Type</u> | | |
| 50050 - (Flow,in Conduit or thru plant) (Year Round) (ML-1) (RF-A) Interim 9/1/2018 to 8/31/2019 | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mgd | 1/week | Estimated |
| 50050 - (Flow,in Conduit or thru plant) (Year Round) (ML-1) (RF-A) Final: 09/01/2019 to 7/29/2023 | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mgd | 1/week | measured |

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):

Internal Outlet 405 - [Internal Outlet to Outlet 005] At the discharge from the Polyacetal Resins Unit (E.I. DuPont). Process Water and Steam Condensate Only. Cooling water may be accepted but measurement shall not be included in reporting.

A.505 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning 9/1/2018 and lasting through midnight 7/29/2023 the permittee is authorized to discharge from Outlet Number(s) 505 (Process Water)

Such discharges shall be limited and monitored by the permittee as specified below:

| <u>Effluent Characteristic</u> | <u>Discharge Limitations</u> | | | | <u>Monitoring Requirements</u> | | | | |
|---|------------------------------|-----|--------------|--------------------|--------------------------------|----------------------------------|------------------------|--------|-----------|
| | <u>Quantity</u> | | <u>Units</u> | <u>Other Units</u> | <u>Units</u> | <u>Measurement Frequency</u> | <u>Sample Type</u> | | |
| 50050 - (Flow,in Conduit or thru plant) (Year Round) (ML-1) (RF-A) Interim: 9/1/2018 to 8/31/2019 | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mgd | 1/week | Estimated |
| 50050 - (Flow,in Conduit or thru plant) (Year Round) (ML-1) (RF-A) Final: 09/01/2019 to 7/29/2023 | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mgd | 1/week | measured |

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):

Internal Outlet 505 - [Internal Outlet to Outlet 005] At the discharge from the Specialty Compounding Unit (E.I. DuPont), Process Water Settling Only. Cooling water may be accepted but measurement shall not be included in reporting.

A.605 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:

Permit Limits

During the period beginning 9/1/2018 and lasting through midnight 7/29/2023 the permittee is authorized to discharge from Outlet Number(s) 605 (Process Water)

Such discharges shall be limited and monitored by the permittee as specified below:

| <u>Effluent Characteristic</u> | <u>Discharge Limitations</u> | | | | <u>Monitoring Requirements</u> | | | | |
|---|------------------------------|-----|--------------|--------------------|--------------------------------|------------------------------|--------------------|--------|-----------|
| | <u>Quantity</u> | | <u>Units</u> | <u>Other Units</u> | <u>Units</u> | <u>Measurement Frequency</u> | <u>Sample Type</u> | | |
| 50050 - (Flow,in Conduit or thru plant) (Year Round) (ML-1) (RF-A) Interim: 9/1/2018 to 8/31/2019 | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mgd | 1/week | Estimated |
| 50050 - (Flow,in Conduit or thru plant) (Year Round) (ML-1) (RF-A) Final: 09/01/2019 to 7/29/2023 | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mgd | 1/week | measured |

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):

Internal Outlet 605 - [Internal Outlet to Outlet 005] At the discharge from the Fluoroproducts East & West Units. Process Water and Steam Condensate Only.

B. SCHEDULE OF COMPLIANCE

1. The permittee shall achieve compliance with the provisions for waste treatment and the monitoring requirements specified in the permit in accordance with the following schedule :

- Apr 01, 2019: The permittee shall identify sources, perform sampling as necessary, evaluate potential waste minimization alternatives to reduce waste and identify potential wastewater treatment system alternatives. The permittee shall submit a progress report that identifies the status of the actions taken, as well as actions to be taken, to come into compliance with the final effluent limitations for total residual chlorine, Perfluorooctanic Acid (PFOA), and HFPO (GenX) at Outlet 001; PFOA at Outlet 003; HFPO (GenX) at 006; ammonia nitrogen, PFOA, and HFPO (GenX) at Outlet 002; PFOA and HFPO (GenX) at Outlet 005; and temperature (May and October) at Outlet 007.
- Sep 01, 2019: The permittee shall complete the evaluation of potential waste minimization alternatives to reduce waste and to identify potential wastewater treatment system alternatives. The permittee shall begin to develop cost estimates for the alternatives. The permittee shall submit a progress report that identifies the status of the actions taken, as well as actions to be taken, to come into compliance with the final effluent limitations for total residual chlorine, Perfluorooctanic Acid (PFOA), and HFPO (GenX) at Outlet 001; PFOA at Outlet 003; HFPO (GenX) at 006; ammonia nitrogen, PFOA, and HFPO (GenX) at Outlet 002; PFOA and HFPO (GenX) at Outlet 005; and temperature (May and October) at Outlet 007.
- Sep 01, 2019: The permittee shall submit the required information pertaining to 316(b) of the Clean Water Act identified in Sections D.2 and D.3 of the permit.
- Sep 01, 2019: The permittee shall acquire, construct, install, operate, and maintain flow measurement equipment at Internal Outlets 102, 305, 405, 505, 605, and 125 to measure the process wastewater portion (including steam condensate) of the discharge from each respective manufacturing unit. If measurement equipment cannot efficiently be installed, the permittee may, in lieu, develop a scientifically/mathematically sound method of engineering a calculation to measure flow based on the individual unit operations occurring at each respective unit based upon actual measured conditions (ex. cycles per discharge, tank levels, mass balance, etc). Requests of any such calculations in lieu of direct measurement shall be submitted via a minor modification request for approval and revision of the permit.
- Mar 01, 2020: The permittee shall select its waste minimization and/or wastewater treatment alternatives and shall begin bench/pilot scale treatability studies. The permittee shall submit a progress report that identifies the status of the actions taken, as well as actions to be taken, to come into compliance with the final effluent limitations for Perfluorooctanic Acid (PFOA) and HFPO (GenX) at Outlet 001; PFOA at Outlet 003; HFPO (GenX) at 006; ammonia nitrogen, PFOA, and HFPO (GenX) at Outlet 002; PFOA and HFPO (GenX) at Outlet 005; and temperature (May and October) at Outlet 007.
- Mar 01, 2020: The permittee shall begin construction of any necessary upgrades and/or system modifications to achieve the total residual chlorine limitations at Outlet 001.
- Sep 01, 2020: The permittee shall complete bench/pilot scale treatability studies and shall begin project design. The permittee shall submit a progress report that identifies the status of the actions taken, as well as actions to be taken, to come into compliance with the final effluent limitations for Perfluorooctanic Acid (PFOA) and HFPO (GenX) at Outlet 001; PFOA at Outlet 003; HFPO (GenX) at 006; ammonia nitrogen, PFOA, and HFPO (GenX) at Outlet 002; PFOA and HFPO (GenX) at Outlet 005; and temperature (May and October) at Outlet 007.

B. SCHEDULE OF COMPLIANCE

1. The permittee shall achieve compliance with the provisions for waste treatment and the monitoring requirements specified in the permit in accordance with the following schedule :

- Sep 01, 2020: The permittee shall complete the construction of any upgrades and/or system modifications and shall comply with the final effluent limitations for total residual chlorine at Outlet 001.
- Apr 01, 2021: The permittee shall complete project design and begin construction of the selected alternatives. The permittee shall submit a progress report that identifies the status of the actions taken, as well as actions to be taken, to come into compliance with the final effluent limitations for Perfluorooctanic Acid (PFOA) and HFPO (GenX) at Outlet 001; PFOA at Outlet 003; HFPO (GenX) at 006; ammonia nitrogen, PFOA, and HFPO (GenX) at Outlet 002; PFOA and HFPO (GenX) at Outlet 005; and temperature (May and October) at Outlet 007.
- Sep 01, 2021: The permittee shall complete the construction of any upgrades and/or system modifications and shall comply with the final effluent limitations for Perfluorooctanic Acid (PFOA) and HFPO (GenX) at Outlet 001; PFOA at Outlet 003; HFPO (GenX) at Outlet 006; ammonia nitrogen, PFOA, and HFPO (GenX) at Outlet 002; PFOA, and HFPO (GenX) at Outlet 005; and temperature (May and October) at Outlet 007.

2. Reports of compliance or non-compliance with, and progress reports on interim and final requirements contained in the above compliance schedule, if any, shall be postmarked no later than 14 days following each schedule date.

Section C - Other Requirements

01. The permittee shall practice good housekeeping including maintaining the facility grounds. There shall be no scattered parts, equipment, debris, etc. Any and all drums shall be either stored in a covered area or kept upon pallets and properly sealed.
02. The issuance of this permit shall not relieve the permittee of the obligation to comply with any other federal, state or local laws. Compliance with this permit does not relieve the permittee from the obligation of Section 311 of the Clean Water Act. This permit does not authorize spills of hazardous substances/wastes from any permitted outlet into waters of the State. Such incidents are to be reported in accordance with Sections IV.1 and IV.2 of Appendix A of this permit.
03. Upon review of information submitted under terms and conditions of this permit, the permit may be modified to require additional effluent limitations/monitoring requirements and/or improved best management practices.
04. The permittee shall notify the Division of Water and Waste Management immediately when it becomes aware of any migration of any pollutant from any unpermitted source (such as contaminated groundwater and/or storm water) into surface waters of the State. Notification is not required for any condition or activity that the Agency has already permitted or taken an enforcement action upon unless said permit or action taken by the agency did not consider the pollutant.
05. Without prior approval from the agency, the permittee shall not accept and treat wastewater from any other non-Chemours owned or operated facility. Chemours may continue to accept wastewater from the on-site tenants listed in Section C.28 as well as the following entities:

DuPont owned Little Hocking Service Center
Chemours' Dry Run Landfill
Chemours' Local Landfill

06. The permittee shall submit each month according to the enclosed format, a Discharge Monitoring Report (DMR) indicating in terms of concentration and/or quantities the values of the constituents listed in Section A analytically determined to be in the plant effluent(s). Additional information pertaining to effluent monitoring and reporting can be found in Section III of Appendix A.
07. The required DMRs shall be received by the agency no later than 25 days following the end of the reporting period in accordance with the following requirements. The agency is now requiring the permittee to utilize our electronic discharge monitoring report (eDMR) system which is now mandatory. The permittee is not required to submit hard copies of the DMRs to the addresses listed below when using eDMR. Special circumstances may result in the agency granting an exemption to eDMR and are considered on case by case basis. If the permittee was exempted by the agency from using the eDMR system, then the permittee is required to send hard copies to the addresses below. The permittee may contact the agency for more information about the eDMR system and potential exemptions from using it. Regardless, in accordance with Appendix A, Section III.6 of this permit, the permittee shall maintain copies of DMRs (either hard copies or electronic copies) at the plant site and the DMRs shall be made readily available upon request for DEP personnel.

a. Director
Division of Water and Waste Management
601 57th Street, SE
Charleston, West Virginia 25304
Attn: Permitting Branch

U. S. Environmental Protection Agency
Region III, Water Protection Division
NPDES Enforcement Branch (3WP42)
1650 Arch Street
Philadelphia, PA 19103

Department of Environmental Protection
Environmental Enforcement
2311 East Ohio Avenue
Parkersburg, West Virginia 26101
ph: 304.420.4635 / fax: 304.420.4554

08. For any noncompliance reports to be submitted in writing by this permit, a copy shall also be forwarded to the EPA at the location specified under Condition C.07 of this permit.

Section C - Other Requirements

09. Any "not detected (ND)" results by the permittee must be "ND" at the method detection limit (MDL) for the test method used for that parameter and must be reported as less than the MDL used. The permittee may not report the result as zero, "ND", or report the result as less than a minimum level (ML), reporting limit (RL), or practical quantitation limit (PQL).

When averaging values of analytical results for DMR reporting purposes for monthly averages, the permittee should use actual analytical results when these results are greater than or equal to the MDL and should use zero (0) when these results are less than the MDL. If all analytical results are non-detect at the MDL (<MDL), then the permittee should use the actual MDL in the calculation for averaging and report the result as less than the average calculation.

10. In incidences where a specific test method is not defined, the permittee shall utilize an EPA approved method by a State of West Virginia certified laboratory with a method detection limit (MDL) sensitive enough to confirm compliance with the permit effluent limit for that parameter. If a MDL is not sensitive enough to confirm compliance, the most sensitive approved method must be used. If a more sensitive EPA approved method becomes available, that method shall be used. Should the current and/or new method not be sensitive enough to confirm compliance with the permitted effluent limit, analytical results reported as "not detected" at the MDL of the most sensitive method available will be deemed compliant for purposes of permit compliance. Results shall be reported on the Discharge Monitoring Reports as a numeric value less than the MDL.
11. The permittee shall not use alternate DMRs without prior approval from this Agency.
12. The Groundwater Protection Plan (GPP) shall be maintained at the plant site and shall be available for inspection by the Division of Water and Waste Management personnel.
13. The permittee shall implement and maintain the storm water pollution prevention plan (SWPPP) for the site. The SWPPP shall be prepared in accordance with good engineering practices. The SWPPP shall identify potential sources of pollution which may reasonably be expected to affect the quality of storm water discharges associated with the industrial activity. In addition, the plan shall describe and ensure the implementation of practices which are to be used to reduce the pollutants in storm water discharges associated with the industrial activity at the facility and to assure compliance with the terms and conditions of this permit. A copy of this document shall be retained at the site for review upon request.
14. The following storm water requirements apply to Outlet(s) 011, 016, 019, 022, 023, 025, 026, 030-034 and 036:
- a. Samples shall be collected from the discharge resulting from a storm event that is greater than 0.1 inches in magnitude and that occurs at least 72 hours from the previously measurable (greater than 0.1 inch rainfall) storm event. Samples shall be taken during the first thirty (30) minutes, or as soon thereafter as practicable, of the storm event.
 - b. Each outlet shall be monitored separately.

| Pollutant | Benchmark Value |
|------------------------|-----------------|
| Chemical Oxygen Demand | 120 mg/l |
| Total Suspended Solids | 100 mg/l |
| Total Aluminum | 0.75 mg/l |
| Total Iron | 1.5 mg/l |
| Ammonia Nitrogen | 4.0 mg/l |
| PFOA | 1.57 mg/l |
| pH | 6.0 to 9.0 S.U. |

Section C - Other Requirements

14. c. When the concentration results from a minimum of four consecutive samples of a pollutant are all less than the corresponding benchmark value for the pollutant, additional monitoring for the pollutant is not required (this waiver does not apply to monitoring for PFOA). The facility shall submit, each year, to the Division of Water and Waste Management, in lieu of the monitoring data, a certification (form will be provided upon request) that there has not been a significant change in the industrial activity or the pollution prevention measures in the area of the facility that drains to the outlet for which sampling is to be waived. If the concentration of a pollutant exceeds the corresponding benchmark concentration or a pH value is not within the range of 6.0 to 9.0 S.U., monitoring shall be continued and storm water pollution prevention practices shall be revised and implemented. A letter stating the revised and implemented storm water pollution prevention practices shall be submitted to the Division of Water and Waste Management at the address listed in Section C.07.

A waiver may not be claimed for constituents that do not have a benchmark defined in Section C.14.c. or constituents in Section A that have been assigned effluent limitations.

15. If there is evidence indicating potential or realized impacts on water quality due to any storm water discharge associated with industrial activity covered by this permit, the permit may be promptly modified and/or reissued to include effluent limitations and/or other requirements to control such storm water discharges.
16. The following conditions apply only to the package sewage treatment plant:
- The herein described treatment works, structures, electrical, and mechanical equipment shall be adequately protected from physical damage by the maximum expected twenty-five (25) year flood level, and operability shall be maintained during the ten (10) year flood level.
 - The entire sewage treatment facility shall be adequately protected by fencing.
 - Continuous maintenance and operation of the listed sewage treatment facility shall be performed by, or supervised by, a certified operator possessing at least a Class I certificate, for Waste Water Treatment Plant Operators, issued by the State of West Virginia.
 - The permittee shall connect to a municipal or public service district sewage collection system when one becomes available; however, prior to this connection, the permittee shall obtain written permission from the municipal or public service district sewage system authority which will receive the waste and submit a request along with one (1) copy of the written permission to the Division of Water and Waste Management for approval.
17. If any portion of the Permittee's discharge that is identified as being subject to Federal Effluent Guideline(s) and the new or revised requirements of the Federal Effluent Guideline(s) are not currently in this permit, the Director may reopen or reissue this permit to incorporate additional, more stringent requirements or limitations.
18. As this permit requires continuous monitoring of the pHs of the effluent from Outlet(s) 002, the permittee shall maintain the pHs of such effluents within the range of 6.0 - 9.0, except excursions from the range are permitted subject to the following limitations, provided the discharges do not cause violations of the standards established in 47 CSR 2, Section 8 of the West Virginia Legislative Rules:
- The total time during which the pH values are outside of the required ranges shall not exceed 7 hours and 26 minutes in any calendar month, and;
 - No individual excursion from the range of pH values shall exceed 60 minutes.
19. The permittee shall perform chronic toxicity tests as described below, on the effluent from Outlet 005:
- Such testing will determine if an appropriate dilute effluent sample affects the survival or reproduction of the test species. 24-hour flow weighted composite samples of the effluent, as prescribed in Section A, shall be collected for testing. An appropriate statistical test shall be used to determine whether differences in control and effluent data are significant.

Section C - Other Requirements

19. a. i) The permittee shall conduct a three brood (6-8 days) Ceriodaphnia Dubia survival and reproduction toxicity test on the final effluent diluted by appropriate control water. Toxicity will be demonstrated if there is a statistically significant difference at the 95 percent confident level in survival or reproduction between Ceriodaphnia Dubia exposed to an appropriate control water and the final effluent. All test solutions shall be renewed using an approved renewal schedule. If, in any control, more than 20% of the test organisms die, or less than 60% of surviving females in controls produced their third brood, that test shall be repeated.
- ii) The permittee shall conduct a 7-day Pimephales Promelas fathead minnow larval survival and growth toxicity test on the final effluent diluted by appropriate control water. Toxicity will be demonstrated if there is a statistically significant difference at the 95 percent confidence level in survival or growth between fathead minnows exposed to an appropriate control water and the final effluent. All test solutions shall be renewed using an approved renewal schedule. If, in any control, more than 20% of the test organisms die, or average dry weight of surviving controls was less than 0.25 mg/l that test shall be repeated.
- b. Results shall be reported in terms of chronic toxic units (TUC) and shall be submitted with the corresponding monthly Discharge Monitoring Report (DMR).

$TUC = 100/NOEC$ or $NOEL$

Where NOEC (or NOEL) is No Observed Effect Concentration (or Level), which is expressed as percent (volume) effluent in dilution water.

For Example, if NOEC is 10%, $TUC = 100/10 = 10$

When the effluent demonstrates no toxicity at 100% effluent (no observed effect), the permittee may report zero TUC.

- c. The monitoring required, herein, shall be conducted in accordance with the sample collection, preservation, and analytical procedures specified in 40 CFR 136.
- d. In addition to the monitoring data reporting requirements of 40 CFR 136, the exact age of the test organisms at the initiation of the test shall be reported. Values of less than or equal to 24 hours are acceptable for Pimephales Promelas, fathead minnow. The range of the Ceriodaphnia Dubia used must be reported as a range in hours. All Ceriodaphnia Dubia used in the test must be less than 24 hours of age at test commencement. The age difference between the youngest and oldest Ceriodaphnia Dubia used in the test must not exceed eight (8) hours.
- e. The chronic toxicity testing shall be performed on a quarterly basis. There shall be a minimum of three (1) month between required sampling events.
- f. If chronic effluent toxicity testing exceeds 4.5 TUC, the permittee shall immediately resample and test the effluent. This shall be performed within 30 days of the initial demonstration of the exceedance. Copies of the retesting results shall be provided to the Director immediately upon completion of the test.
- If the second test is below 4.5 TUC, chronic effluent toxicity testing shall continue in accordance with the requirements, as prescribed herein. However, if the second test shows an exceedance, the Director shall impose further requirements, as may be necessary, in order to address chronic effluent toxicity.
- g. The Director may impose further requirements should the chronic effluent toxicity testing results demonstrate toxicity.
20. The permittee shall perform acute effluent toxicity testing at Outlets 001, 002, and 003 in accordance with the following.
- a. The acute effluent toxicity testing prescribed, herein, shall be 48-hour static acute toxicity tests utilizing Pimephales Promelas fathead minnow and Ceriodaphnia Dubia as the test species.

Section C - Other Requirements

20. b. The acute toxicity testing shall be performed on a quarterly basis for Outlet 002 and semi-annual basis at Outlets 001 and 003. The first acute toxicity testing shall be carried out within 3 months from the effective date of the permit for Outlets 001 and 003. There shall be a minimum of three (3) months between required sampling semiannual sampling events at Outlets 001 and 003 and a minimum of one month between required quarterly sampling events at Outlet 002.
- c. 24-hour flow weighted composite samples of the effluent, as prescribed in Section A, shall be collected for testing.
- d. The dilution water should be a representative sample of the receiving water and should be obtained from a point as close as possible to but upstream or outside of the zone influenced by the effluent. If dilution water from the receiving stream is not suitable, some other uncontaminated, well-aerated surface or groundwater or commercially available media or reconstituted laboratory water can be used.
- e. Testing and reporting of the result shall be performed in accordance with 40 CFR 136 and must be submitted with the Discharge Monitoring Report (DMR) for the month following the completion of each test. LC50 shall be converted into Acute Toxic Units (TUa) using the following formula:

$$TUa = 100/LC50$$

For example, if LC50 is 100%, then $TUa = 100/100 = 1$.

When the LC50 is greater than 100%, the permittee shall report the acute toxicity as less than 1 TUa. When the effluent demonstrates no toxicity (no organisms die), the permittee may report zero TUa.

- f. If acute effluent toxicity testing exceeds 1 TUa at Outlets 001, 002, or 003, the permittee shall immediately resample and test the effluent. This shall be performed within 30 days of the initial exceedance of 1 TUa noted value noted above. Copies of the retesting results shall be provided to the Director immediately upon completion of the test.
- g. The Director may impose further requirements should the acute effluent toxicity testing results demonstrate toxicity.
21. Reserved.
22. The Division has started to analyze the impacts of nutrients upon water quality and whether there is a need to establish nutrient water quality standards. Therefore, the Division shall impose effluent sampling for Total Nitrogen and Total Phosphorus in order to assist in this analysis. The Division recognizes there is not an EPA approved method to directly test for Total Nitrogen. The Total Nitrogen value to be reported on the permittee's Discharge Monitoring Reports (DMRs) shall be the sum of the following parameters; Total Kjeldahl Nitrogen, Nitrate and Nitrite.
23. Available sampling methods for total residual chlorine (TRC) are currently not sensitive enough to confirm compliance with the permit limitations imposed at the facility. Total residual chlorine (TRC) samples shall be taken, preserved and analyzed in accordance with the latest edition of 40 CFR Part 136. Because the permittee does not operate a certified wastewater laboratory at the plant site but still must comply with the instantaneous sample-type requirements, the permittee shall use an EPA Approved Method with at least a method detection level (MDL) of 100 ug/l. Any TRC sampling result reported as less than the MDL stated above shall be assumed to confirm compliance for purposes of permit enforcement. Should a more sensitive EPA approved method become available for field analysis of TRC, the permittee shall perform TRC self-monitoring in accordance with the new method. If the new method is not sensitive enough to determine compliance with specified TRC limits, analytical results reported as "not detected" at the MDL of the new method will be deemed compliant for purposes of permit enforcement.
24. Effluent monitoring for the following pollutants shall be conducted using the most sensitive methods and detection levels commercially available and economically feasible. The following methods are to be used unless the permittee desires to use an EPA Approved Test Method with a listed lower method detection level. Regardless, it is recognized that detection levels can vary from analysis to analysis and that non-detect results at a different MDL for the specified test method would not constitute a permit violation.

Section C - Other Requirements

| 24. Parameter | EPA Test Method | Method Detection Level (ug/l) |
|------------------------------|-----------------|-------------------------------|
| Antimony, Total | 200.8 | 0.4 |
| Arsenic, Total Recoverable | 200.9 | 0.5 |
| Beryllium, Total | 200.9 | 0.02 |
| Bromoform | 601 | 0.2 |
| Cadmium, Total Recoverable | 200.9 | 0.05 |
| Chloroform | 601 | 0.05 |
| Copper, Total Recoverable | 200.8 | 0.5 |
| Lead, Total Recoverable | 200.8 | 0.6 |
| Mercury, Total | 245.7 / 1631 | 0.0018 / 0.0002 |
| Methyl Chloride | 601 | 0.08 |
| Methylene Chloride | 601 | 0.25 |
| 3,4-Benzofluoranthene | 610 / 625.1* | 0.018 / 0.02 |
| Phenolics, Total Recoverable | 420.4 | 2 |
| Selenium, Total Recoverable | 200.9 | 0.6 |
| Thallium, Total | 200.8 | 0.3 |
| Toluene | 602 | 0.2 |
| Trichloroethylene | 601 | 0.12 |
| Zinc, Total Recoverable | 200.8 | 1.8 |
| PFOA | SW8321B** | 0.00979 |
| PFPO-DA (GenX) | SW8321B** | 0.0051 |

*The permittee may use Method 625.1 in lieu of EPA Method 610 for PAHs contingent on the laboratories ability to achieve an Method Detection Limit (MDL) of 0.02 ug/l.

**The permittee shall utilize the most recent revision of Method SW8321.

25. This permit only authorizes the discharge of process wastewater via Outlet(s) 002 and 005 from the manufacture of 40 CFR 414 Subpart C, D, E, and F OCPSF products. This permit does not authorize the discharge of partially or untreated 40 CFR 414 process wash water via Outlet 003 or 40 CFR 414 contaminated stormwater via Outlet 006.

The permittee must modify this permit prior to discharging or accepting from offsite any process wastewater from the manufacturing of any other products at the facility.

26. In conformance with 40 CFR 122.44(a)(2) a monitoring waiver may be granted for pollutants not present in the discharge. Historical data has shown consistent non-detects for the following pollutants listed below. As such, monitoring for these pollutants has been removed in accordance with 40 CFR 122.44 (a)(2). However, this regulation does not waive the permit limitations for all applicable guideline-listed pollutants in 40 CFR 414 Subpart J applicable at Outlet 002 and Outlet 005. Therefore, a monitoring waiver is granted for the pollutants listed below; however, the limitations shall remain in effect as listed below. The permittee must still sample the pollutants listed below as part of the required testing for the next permit renewal application. Any testing conducted by the permittee for these pollutants shall be in accordance with Sections C.9, C.10, and C.24.

3.

OUTLET 002:

| Pollutant | MASS LIMITS | | |
|----------------------------|-----------------|-----------|---------|
| | Average Monthly | Max Daily | Units |
| Acenaphthene | 0.2926 | 0.7238 | lbs/day |
| Acenaphthylene | 0.2926 | 0.7238 | lbs/day |
| Acrylonitrile | 1.4476 | 3.5727 | lbs/day |
| Anthracene | 0.2926 | 0.7238 | lbs/day |
| Benzene | 0.8778 | 2.0635 | lbs/day |
| Benzo(a)anthracene | 0.2926 | 0.7238 | lbs/day |
| Benzo(k)fluoranthene | 0.2926 | 0.7238 | lbs/day |
| Benzo(a)pyrene | 0.3080 | 0.7392 | lbs/day |
| Bis(2-ethylhexyl) phthalat | 1.4630 | 3.9731 | lbs/day |
| Carbon Tetrachloride | 2.1867 | 5.8518 | lbs/day |
| Chlorobenzene | 2.1867 | 5.8518 | lbs/day |
| Chloroethane | 1.6940 | 4.5429 | lbs/day |
| Chrysene | 0.2926 | 0.7238 | lbs/day |

Section C - Other Requirements

| | | | | |
|--------|----------------------------|---------|---------|---------|
| 26. a. | Di-n-butyl phthalate | 0.3080 | 0.6622 | lbs/day |
| | 1,2-Dichlorobenzene | 3.0183 | 12.2273 | lbs/day |
| | 1,3-Dichlorobenzene | 2.1867 | 5.8518 | lbs/day |
| | 1,4-Dichlorobenzene | 2.1867 | 5.8518 | lbs/day |
| | 1,1-Dichloroethane | 0.3388 | 0.9086 | lbs/day |
| | 1,2-Dichloroethane | 2.7719 | 8.8394 | lbs/day |
| | 1,1-Dichloroethylene | 0.3388 | 0.9240 | lbs/day |
| | 1,2-trans-Dichloroethylene | 0.3850 | 1.0164 | lbs/day |
| | 1,2-Dichloropropane | 3.0183 | 12.2273 | lbs/day |
| | 1,3-Dichloropropylene | 3.0183 | 12.2273 | lbs/day |
| | Diethyl phthalate | 0.7084 | 1.7402 | lbs/day |
| | 2,4-Dimethylphenol | 0.2926 | 0.7238 | lbs/day |
| | Dimethyl phthalate | 0.2926 | 0.7238 | lbs/day |
| | 4,6-Dinitro-o-cresol | 1.2012 | 4.2657 | lbs/day |
| | 2,4-Dinitrophenol | 18.5873 | 66.0796 | lbs/day |
| | Ethylbenzene | 2.1867 | 5.8518 | lbs/day |
| | Fluoranthene | 0.3388 | 0.8316 | lbs/day |
| | Fluorene | 0.2926 | 0.7238 | lbs/day |
| | Hexachlorobenzene | 3.0183 | 12.2273 | lbs/day |
| | Hexachlorobutadiene | 2.1867 | 5.8518 | lbs/day |
| | Hexachloroethane | 3.0183 | 12.2273 | lbs/day |
| | Naphthalene | 0.2926 | 0.7238 | lbs/day |
| | Nitrobenzene | 34.4489 | 98.5881 | lbs/day |
| | 2-Nitrophenol | 1.0010 | 3.5573 | lbs/day |
| | 4-Nitrophenol | 2.4947 | 8.8702 | lbs/day |
| | Phenanthrene | 0.2926 | 0.7238 | lbs/day |
| | Phenol | 0.2926 | 0.7238 | lbs/day |
| | Pyrene | 0.3080 | 0.7392 | lbs/day |
| | Tetrachloroethylene | 0.8008 | 2.5255 | lbs/day |
| | 1,2,4-Trichlorobenzene | 3.0183 | 12.2273 | lbs/day |
| | 1,1,1-Trichloroethane | 0.3388 | 0.9086 | lbs/day |
| | 1,1,2-Trichloroethane | 0.4928 | 1.9557 | lbs/day |
| | Vinyl Chloride | 1.4938 | 2.6487 | lbs/day |

b.

OUTLET 005:

| Pollutant | MASS LIMITS | | |
|----------------------------|--------------------|--------------|---------|
| | Average Monthly | Max Daily | Units |
| Acenaphthene | 0.9230 | 2.3477 | lbs/day |
| Acenaphthylene | 0.9230 | 2.3477 | lbs/day |
| Acrylonitrile | 4.3857 | 10.8956 | lbs/day |
| Anthracene | 0.9230 | 2.3477 | lbs/day |
| Benzene | 2.3607 | 6.2400 | lbs/day |
| Benzo(a)anthracene | 0.9230 | 2.3477 | lbs/day |
| Benzo(k)fluoranthene | 0.9230 | 2.3477 | lbs/day |
| Benzo(a)pyrene | 0.9694 | 2.4082 | lbs/day |
| Bis(2-ethylhexyl) phthalat | 4.5165 | 12.2558 | lbs/day |
| Carbon Tetrachloride | 4.8367 | 12.8000 | lbs/day |
| Chlorobenzene | 4.7944 | 12.6592 | lbs/day |
| Chloroethane | 5.0148 | 13.2951 | lbs/day |
| 2-Chlorophenol | 0.4365 | 1.3799 | lbs/day |
| Chrysene | 0.9230 | 2.3477 | lbs/day |
| Di-n-butyl phthalate | 1.0257 | 2.1905 | lbs/day |
| 1,2-Dichlorobenzene | 7.4103 | 27.9224 | lbs/day |
| 1,3-Dichlorobenzene | 5.0197 | 12.8845 | lbs/day |
| 1,4-Dichlorobenzene | 4.7944 | 12.6592 | lbs/day |
| 1,1-Dichloroethane | 1.0199 | 2.7351 | lbs/day |
| 1,2-Dichloroethane | 6.7672 | 21.4976 | lbs/day |
| 1,1-Dichloroethylene | 0.9354 | 2.2886 | lbs/day |

Section C - Other Requirements

| | | | | |
|--------|----------------------------|---------|----------|---------|
| 26. b. | 1,2-trans-Dichloroethylene | 1.1026 | 2.8906 | lbs/day |
| | 2,4-Dichlorophenol | 0.5491 | 1.5770 | lbs/day |
| | 1,2-Dichloropropane | 8.4805 | 28.8659 | lbs/day |
| | 1,3-Dichloropropylene | 6.7345 | 26.2468 | lbs/day |
| | Diethyl phthalate | 2.6252 | 6.5056 | lbs/day |
| | 2,4-Dimethylphenol | 0.8667 | 2.0239 | lbs/day |
| | Dimethyl phthalate | 0.8808 | 2.1788 | lbs/day |
| | 4,6-Dinitro-o-cresol | 3.6158 | 12.8409 | lbs/day |
| | 2,4-Dinitrophenol | 39.9571 | 140.2290 | lbs/day |
| | 2,4-Dinitrotoluene | 1.5911 | 4.0130 | lbs/day |
| | 2,6-Dinitrotoluene | 3.5906 | 9.0257 | lbs/day |
| | Ethylbenzene | 5.0338 | 13.7857 | lbs/day |
| | Fluoranthene | 1.0621 | 2.7004 | lbs/day |
| | Fluorene | 0.9230 | 2.3477 | lbs/day |
| | Hexachlorobenzene | 6.5373 | 26.0216 | lbs/day |
| | Hexachlorobutadiene | 4.8648 | 12.9549 | lbs/day |
| | Hexachloroethane | 6.6218 | 26.3877 | lbs/day |
| | Naphthalene | 0.9230 | 2.3477 | lbs/day |
| | Nitrobenzene | 72.5820 | 207.5896 | lbs/day |
| | 2-Nitrophenol | 2.6753 | 8.4274 | lbs/day |
| | 4-Nitrophenol | 6.2426 | 20.3371 | lbs/day |
| | Phenanthrene | 0.9230 | 2.3477 | lbs/day |
| | Phenol | 0.8245 | 1.8831 | lbs/day |
| | Pyrene | 0.9975 | 2.4927 | lbs/day |
| | Tetrachloroethylene | 1.9881 | 6.0818 | lbs/day |
| | 1,2,4-Trichlorobenzene | 7.2836 | 27.5986 | lbs/day |
| | 1,1,1-Trichloroethane | 1.0058 | 2.6647 | lbs/day |
| | 1,1,2-Trichloroethane | 1.3285 | 4.8594 | lbs/day |
| | Vinyl Chloride | 4.5952 | 9.3251 | lbs/day |

27. The following guidelines pertain to any investigatory activities, which generate liquid Investigation Derived Waste (IDW) including, but not limited to; groundwater monitoring, well development and sampling, and decontamination procedures.

- Liquid IDW, which has been extracted from a site, shall be stored in a secure container suitable for off-site disposal (i.e. 55-gallon drum or holding tank), and its contents properly characterized by a West Virginia certified laboratory for all contaminants of concern at the site to determine the appropriate treatment or disposal method.
- Storage of all liquid IDW shall be in a segregated manner (by area of concern, type of IDW, etc).
- All non-decontamination liquid IDW that meets the groundwater quality standards for the State of West Virginia may be disposed of on-site. Liquid, which exceeds these criteria, shall be taken to a treatment facility specific to the constituents exceeding the groundwater criteria or handled as hazardous waste and disposed of as such.

28. Without prior approval from the agency, the permittee shall not accept and treat wastewater from any facility other than those listed below:

Section C - Other Requirements

| 28. Facility Name | Outlet | SIC Code, Category |
|--|---------|----------------------------|
| E.I. DuPont de Nemours - Delrin (Polyacetal Resins) | 405 | 2821(4) & 2869, 40 CFR 414 |
| E.I. DuPont de Nemours - Specialty Compounding Unit | 505 | 2821(3), 40 CFR 414 |
| E.I. DuPont de Nemours - Filaments | 102 | 2824(1), 40 CFR 414 |
| - Zytel® | | 2821(3), 40 CFR 414 |
| - Eng. Polymer Compounding - East | | |
| Kuraray - Polyvinyl Resin | 125 | 2821(3), 40 CFR 414 |
| Kuraray (NCCW) - Polyvinyl Resin | 103/202 | |
| E.I. DuPont de Nemours (non-process) - Technical Labs - DuPont Site Operations | NMR | |

NMR: No Monitoring Required

a. The acceptance of the wastewater from non-Chemours owned or operated facilities for treatment and disposal through Outlet 005 is contingent upon the following terms and conditions:

- 1) No discharger shall cause or contribute to pass through, interference, or upset of the Outlet 105/005 treatment plant/disposal system.
- 2) The wastewater approved for acceptance from E.I. DuPont de Nemours consists of sanitary sewage, process wastewater, non-contact cooling water, steam condensate, and storm water runoff from the manufacturing of Specialty Compounding, Filaments (Nylon Fibers), Zytel® (Nylon Resins), Delrin® (Polyacetal Resins), and Polymer Compounding - East products and additional non-process miscellaneous wastewater from Du Pont's Technical Labs and Site Operations. The subject wastewater (40 CFR 414 Subparts C and D) shall be monitored per the requirements in Sections A.102, A.405 and A.505 (40 CFR 414 Subparts D, E, F) at a location prior to acceptance. De minimus amounts of other process wastewater, non-contact cooling water, and stormwater may be accepted contingent upon compliance with Section C.28.a.1.

The permittee shall not accept process wastewater from the manufacturing of any products that are regulated under any other part/subpart of the federal effluent guidelines from this offsite facility without prior approval from the agency.

- 3) The wastewater approved for acceptance from Kuraray consists of non-contact cooling water and steam condensate (Outlets 002, 003, 105), process wastewater and sanitary wastewater (Outlet 105), and storm water runoff (Outlets 002, 003) from the manufacturing of polyvinyl butyral resins. The polyvinyl butyral wastewater (40 CFR 414 Subparts D) shall be monitored per the requirements in Sections A.202, A.103, and A.125 at a location prior to acceptance. De minimus amounts of other process wastewater, non-contact cooling water, and stormwater may be accepted contingent upon compliance with Section C.28.a.1.

The permittee shall not accept process wastewater from the manufacturing of any products that are regulated under any other part/subpart of the federal effluent guidelines from this offsite facility without prior approval from the agency.

29. In order to reassess the mixing zones at the next permit issuance for Outlets 001, 002, 003, 005, 006, and 007, the permittee will be required to assess the background water quality in the Ohio River during the last two years of this permit in accordance with the following.

Section C - Other Requirements

29. a. Background water quality data shall be collected at a location upstream of the discharge for which a mixing zone is being requested and downstream of any discharges that are upstream of the discharge for which a mixing zone is being requested.
- b. A minimum of ten sample results shall be collected for temperature, pH, hardness, total suspended solids, and any other pollutant for which a mixing zone will be requested for each respective discharge outfall. Analytical test methods used shall be in accordance with Section C of this permit. Samples shall be collected during different calendar months.
- c. Width and depth (river bottom samples shall be included) integrated samples shall be collected.
- d. Background water quality data must be completed for each discharge and pollutant for which a mixing zone is being requested.
30. The upstream temperatures and discharge temperatures required by Sections A.001, A.002, A.003, A.005, A.006, and A.007 of this permit shall be collected concurrently. Concurrently shall be defined as no more than two hours between monitoring collected at the upstream location in the Ohio River and the respective discharge.

The permittee may, in lieu of sampling at an upstream location, collect a temperature measurement from the facilities water intake so long as the water intake remains representative of the temperatures observed at the upstream temperature location (i.e. above Outlet 001).

31. Prior to disposing of any solids generated by either the settling pond or the package sewage treatment plant, the permittee shall submit a letter of acceptance from the disposal facility to this Division. This does not apply to any normal solid wastes (trash/refuse) generated by the standard operation of the facility. However, those normal solid wastes shall be disposed of in a manner consistent with any, and all, appropriate laws and regulations. Additionally, this does not apply to any disposal methods identified in the permit application.
32. The permit includes net limits for total suspended solids (TSS) at Outlet Nos. 002 and 205. These net limits shall be determined by utilizing river intake/influent sampling information and the ratio of river water used at each outlet. River Intake/Influent river TSS samples shall be measured after any pretreatment and prior to combination with well water and prior to dissemination to any processes at the facility. Ratios and net mass values are as follows:
- | | | |
|----|-------------------|--------------------------|
| a. | Outlet No. | River Water Ratio |
| | 002 | 0.46 |
| | 205 | 0.79 |
- b. Outlet net mass values shall be determined from the following equation:
- $$\text{Outlet Net Mass} = \text{Outlet Gross TSS Mass (lbs/day)} - (\text{Outlet Flow (MGD)} \times \text{River Intake TSS (mg/l)} \times \text{River Water Ratio} \times 8.34)$$
33. The permittee may use raw glacial acetic acid, acetic anhydride, formaldehyde, and/or methanol to maintain bio-mass in the Outlet 105 treatment system during shutdown and/or maintenance activities at the plant per the following conditions:

Section C - Other Requirements

33. a. The feed rate of the raw materials (i.e. raw glacial acetic acid, acetic anhydride, formaldehyde, methanol) alone or in combination to the plant influent shall not exceed 150 lbs per hour. Only high grade raw materials (99% purity or greater excluding water content) are approved for use. The raw materials shall be introduced into the influent of the WWTP in such a manner to avoid short circuiting. The actual volume fed into the WWTP shall be measured and recorded daily.

The Materials Safety Data Sheet (MSDS) for formaldehyde indicates a minimum LC50 of 10 mg/l for fish and therefore, to be protective of narrative water quality criteria, at no time shall the concentration of the product exceed 1 mg/l at Outlet 005.

The Materials Safety Data Sheet (MSDS) for acetic anhydride indicates a minimum LC50 of 265 mg/l for fish and therefore, to be protective of narrative water quality criteria, at no time shall the concentration of the product exceed 26.5 mg/l at Outlet 005.

The Materials Safety Data Sheet (MSDS) for glacial acetic acid indicates a minimum LC50 of 251 mg/l for fish and therefore, to be protective of narrative water quality criteria, at no time shall the concentration of the product exceed 25.1 mg/l at Outlet 005.

- b. The permittee shall continue to comply with all effluent limitations and sampling frequencies for all parameters at Outlet 105/005 during the application of all chemicals. All chemicals shall be applied in a manner that shall not cause or contribute to a violation of the state's numeric and narrative water quality standards at any permitted outlet.
- c. The discharge at Outlet 005 shall be visually inspected on a daily basis for conditions not allowable in State waters including but not limited to: distinct visible floating or settleable solids, scum, foam, oily slicks, odors, visible color, or any other condition as described in 47 CSR 2, Section 3.2 during application of the raw material feed (i.e. raw glacial acetic acid, acetic anhydride, formaldehyde, methanol). Any observed condition not allowable shall be immediately reported to agency personnel and the feed of raw materials ceased. Also, any significant change in continuously monitored parameters at Outlet 105/005 (ex. pH) or in oxygen demanding pollutants (BOD or COD) shall be immediately reported to the agency and the feed of raw materials ceased.
34. The permittee shall not discharge PFAS chemicals or their derivatives other than PFOA and HFPO-DA without prior approval from the agency.
35. Based on information submitted with the permit application, Outlets 013 and 028 have been determined to not have a potential to add pollutants to the receiving stream. As such, no monitoring is required of the discharges from these outlets contingent on the activity and flow quantity / concentration remaining similar to the values submitted in the permit application. Should the activity of flow quantity / concentration of the discharge significant change, or either outlet be observed adding pollutants to the receiving stream, the permitting shall submit a major permit modification application to re-impose monitoring in the permit.

Section D - 316 (b) Intake Requirements

1. Based on a review of the water intake data submitted with the permit application, the agency has determined that the facility operates a water intake structure with a design flow of greater than 2 million gallons a day but less than 125 MGD actual flow and comes into direct contact with fish and other Ohio River organisms. In accordance with 316(b) of the Clean Water Act, the location, design, construction, and capacity of the cooling water intake structures (CWIS) for the permittee's facility shall reflect the best technology available (BTA) for minimizing adverse environmental impingement and entrainment at the intake structure.
2. The permittee shall submit the follow information concerning the construction and operation of its cooling water intake on or before 12 months from the issue date of the permit. At a minimum the following items shall be included:
 - a. 40 CFR 122.21(r)(2) – Source Water Physical Data
 - 1) A narrative description and scaled drawings showing the physical configuration of all source water bodies used by the facility, including areal dimensions, depths, salinity and temperature regimes, and other documentation that supports your determination of the water body type where each cooling water intake structure is located;
 - 2) Identification and characterization of the source waterbody's hydrological and geomorphological features, as well as the methods used to conduct any physical studies to determine the intake's area of influence within the waterbody and the results of such studies; and
 - 3) Locational Maps.
 - b. 40 CFR 122.21(r)(3) – Cooling Water Intake Structure Data
 - 1) A narrative description of the configuration of each of the cooling water intake structures and where it is located in the water body and in the water column;
 - 2) Latitude and longitude in degrees, minutes, and seconds for each of the cooling water intake structures;
 - 3) A narrative description of the operation of each cooling water intake structure, including design intake flows, daily hours of operation, number of days of the year in operation, and seasonal changes (if applicable);
 - 4) A flow distribution and water balance diagram that includes all sources of water to the facility, recirculating flows, and discharges; and
 - 5) Engineering drawings of the cooling water intake structure.
 - c. 40 CFR 122.21(r)(4) - Source Water Baseline Biological Characterization Data
 - 1) A list of data in Sections D.2.c.2 through D.2.c.6 that are not available and documentation of the efforts made to identify the sources of the data;
 - 2) A list of species (or relevant taxa) for all life stages and their relative abundance in the vicinity of the cooling water intake structure;
 - 3) Identification of the species and the life stages that would be most susceptible to entrainment. Species evaluated should include the forage base as well as those most important in terms of significance to commercial and recreational fisheries;
 - 4) Identification and evaluation of the primary period of reproduction, larval recruitment, and period of peak abundance for relevant taxa;
 - 5) Data representative of the seasonal and daily activities (e.g. feeding and water column migration) of biological organisms in the vicinity of the cooling water intake structure;
 - 6) Identification of all threatened, endangered, and other protected species that might be susceptible to entrainment at your cooling water intake structures;
 - 7) Documentation of any public participation or consultation with Federal or State agencies undertaken in development of the plan; and

Section D - 316 (b) Intake Requirements

2. c. 8) If the Source Water Baseline Characterization Data is collected using field studies, a description of all methods and quality assurance procedures for sampling, and data analysis including a description of the study area, taxonomic identification of sampled and evaluated biological assemblages (including all life stages of fish/shellfish); and sampling and data analysis methods. The sampling and/or data analysis methods must be appropriate for a quantitative survey and based on consideration of methods used in other biological studies performed within the same source water body. The study should include, at a minimum, the area of influence of the cooling water intake structure;
- 9) Identification of protective measures and stabilization activities that have been implemented, and a description of how these measures and activities affected the baseline water condition in the vicinity of the intake;
- 10) A list of fragile species, as defined at 40 CFR 125.92(m), at the facility.

d. 40 CFR 122.21(r)(5) – Cooling Water System Data

- 1) A narrative description of the operation of the cooling water system and its relationship to cooling water intake structures; the proportion of the design intake flow that is used in the system; the number of days of the year the cooling water system is in operation and seasonal changes in the operation of the system, if applicable; the proportion of design intake flow for contact cooling, non-contact cooling, and process uses; a distribution of water reuse to include cooling water reused as process water, process water reused for cooling, and the use of gray water for cooling; a description of reductions in total water withdrawals including cooling water intake flow reductions already achieved through minimized process water withdrawals; a description of any cooling water that is used in a manufacturing process either before or after it is used for cooling, including other recycled process water flows; the proportion of the source waterbody withdrawn (on a monthly basis);
- 2) Design and engineering calculations prepared by a qualified professional and supporting data to support the description required by above; and
- 3) Description of existing impingement and entrainment technologies or operational measures and a summary of their performance, including but not limited to reductions in impingement mortality and entrainment due to intake location and reductions in total water withdrawals and usage.

e. 40 CFR 122.21(r)(6) – Chosen Method of Compliance with the Impingement Mortality Standard

The owner or operator of the facility must identify the chosen compliance method for the entire facility; alternatively, the applicant must identify the chosen compliance method for each cooling water intake structure at its facility. The applicant must identify any intake structure for which a BTA determination for Impingement Mortality under 40 CFR 125.94 (c)(11) or (12) is requested. In addition, the owner or operator that chooses to comply via 40 CFR 125.94 (c)(5) or (6) must also submit an impingement technology performance optimization study as described below:

- 1) If the applicant chooses to comply with 40 CFR 125.94(c)(5), subject to the flexibility for timing provided in 40 CFR 125.95(a)(2), the impingement technology performance optimization study must include two years of biological data collection measuring the reduction in impingement mortality achieved by the modified traveling screens as defined at 40 CFR 125.92(s) and demonstrating that the operation has been optimized to minimize impingement mortality. A complete description of the modified traveling screens and associated equipment must be included, including, for example, type of mesh, mesh slot size, pressure sprays and fish return mechanisms. A description of any biological data collection and data collection approach used in measuring impingement mortality must be included:
- (A) Collecting data no less frequently than monthly. The Director may establish more frequent data collection;
- (B) Biological data collection representative of the impingement and the impingement mortality at the intakes subject to this provision;
- (C) A taxonomic identification to the lowest taxon possible of all organisms collected;
- (D) The method in which naturally moribund organisms are identified and taken into account;
- (E) The method in which mortality due to holding times is taken into account;

Section D - 316 (b) Intake Requirements

2. e. (F) If the facility entraps fish or shellfish, a count of entrapment, as defined at 40 CFR 125.92(j), as impingement mortality; and
- (G) The percent impingement mortality reflecting optimized operation of the modified traveling screen and all supporting calculations.
- 2) If the applicant chooses to comply with 40 CFR 125.94(c)(6), the impingement technology performance optimization study must include biological data measuring the reduction in impingement mortality achieved by operation of the system of technologies, operational measures and best management practices, and demonstrating that operation of the system has been optimized to minimize impingement mortality. This system of technologies, operational measures and best management practices may include flow reductions, seasonal operation, unit closure, credit for intake location, and behavioral deterrent systems. The applicant must document how each system element contributes to the system's performance. The applicant must include a minimum of two years of biological data measuring the reduction in impingement mortality achieved by the system. The applicant must also include a description of any sampling or data collection approach used in measuring the rate of impingement, impingement mortality, or flow reductions.
- (A) Rate of Impingement. If the demonstration relies in part on a credit for reductions in the rate of impingement in the system, the applicant must provide an estimate of those reductions to be used as credit towards reducing impingement mortality, and any relevant supporting documentation, including previously collected biological data, performance reviews, and previously conducted performance studies not already submitted to the Director. The submission of studies more than 10 years old must include an explanation of why the data are still relevant and representative of conditions at the facility and explain how the data should be interpreted using the definitions of impingement and entrapment at 40 CFR 125.92(n) and (j), respectively. The estimated reductions in rate of impingement must be based on a comparison of the system to a once-through cooling system with a traveling screen whose point of withdrawal from the surface water source is located at the shoreline of the source waterbody. For impoundments that are waters of the United States in whole or in part, the facility's rate of impingement must be measured at a location within the cooling water intake system that the Director deems appropriate. In addition, the applicant must include two years of biological data collection demonstrating the rate of impingement resulting from the system. For this demonstration, the applicant must collect data no less frequently than monthly. The Director may establish more frequent data collection.
- (B) Impingement Mortality. If the demonstration relies in part on a credit for reductions in impingement mortality already obtained at the facility, the applicant must include two years of biological data collection demonstrating the level of impingement mortality the system is capable of achieving. The applicant must submit any relevant supporting documentation, including previously collected biological data, performance reviews, and previously conducted performance studies not already submitted to the Director. The applicant must provide a description of any sampling or data collection approach used in measuring impingement mortality. In addition, for this demonstration the applicant must:
- (i) Collect data no less frequently than monthly. The Director may establish more frequent data collection;
 - (ii) Conduct biological data collection that is representative of the impingement and the impingement mortality at an intake subject to this provision. In addition, the applicant must describe how the location of the cooling water intake structure in the waterbody and the water column are accounted for in the points of data collection;
 - (iii) Include a taxonomic identification to the lowest taxon possible of all organisms to be collected;
 - (iv) Describe the method in which naturally moribund organisms are identified and taken into account;
 - (v) Describe the method in which mortality due to holding times is taken into account; and
 - (vi) If the facility entraps fish or shellfish, a count of the entrapment, as defined at 40 CFR 125.92(j), as impingement mortality.

Section D - 316 (b) Intake Requirements

- 2. e. (C) Flow reduction. If the demonstration relies in part on flow reduction to reduce impingement, the applicant must include two years of intake flows, measured daily, as part of the demonstration, and describe the extent to which flow reductions are seasonal or intermittent. The applicant must document how the flow reduction results in reduced impingement. In addition, the applicant must describe how the reduction in impingement has reduced impingement mortality.
- (D) Total system performance. The applicant must document the percent impingement mortality reflecting optimized operation of the total system of technologies, operational measures, and best management practices and all supporting calculations. The total system performance is the combination of the impingement mortality performance reflected in paragraphs (r)(6)(ii)(A), (B), and (C) of this section.
- f. 40 CFR 122.21(r)(7) - Entrainment Performance Studies
The permittee shall submit any previously conducted studies or studies obtained from other facilities addressing technology efficacy, through-facility entrainment survival, and other entrainment studies. Any such submittals must include a description of each study, together with underlying data, and a summary of any conclusions or results. Any studies conducted at other locations must include an explanation as to why the data from the other locations are relevant and representative of conditions at the facility. In the case of studies more than 10 years old, the applicant must explain why the data are still relevant and representative of conditions at the facility and explain how the data should be interpreted using the definition of entrainment at 40 CFR 125.92(h).
- g. 40 CFR 122.21(r)(8) – Operation Status
 - 1) For process units at your facility that use cooling water other than for power production or steam generation, if you intend to use reductions in flow or changes in operations to meet the requirements of 40 CFR 125.94(c), descriptions of individual production processes and product lines, operating status including age of each line, seasonal operation, including any extended or unusual outages that significantly affect current data for flow, impingement, entrainment, or other factors, any major upgrades completed within the last 15 years, and plans or schedules for decommissioning or replacement of process units or production processes and product lines;
 - 2) For all manufacturing facilities, descriptions of current and future production schedules; and
- 3. Descriptions of plans or schedules for any new units planned within the next 5 years.

The herein-described activity is to be extended, modified, added to, made, enlarged, acquired, constructed or installed, and operated, used and maintained strictly in accordance with the terms and conditions of this permit, with the plans and specifications submitted with Permit Application No. WV0001279; with the plan of maintenance and method of operation thereof submitted with such application(s); and with any applicable rules and regulations promulgated by the Environmental Quality Board and the Secretary of the Department of Environmental Protection.

Failure to comply with the terms and conditions of this permit, with the plans and specifications submitted with Permit Application No. WV0001279; and with the plan of maintenance and method of operation thereof submitted with such application(s) shall constitute grounds for the revocation or suspension of this permit and the invocation of all the enforcement procedures set forth in Chapter 22, Article 11, or 15 of the Code of West Virginia.

This permit is issued in accordance with the provisions of Chapter 22, Article 11 and 12 and/or 15 of the Code of West Virginia and is transferable under the terms of Section 11 of Article 11.



Scott G. Mandirola, Director

Appendix A

I. MANAGEMENT CONDITIONS:

1. Duty to Comply

- a) The permittee must comply with all conditions of this permit. Permit noncompliance constitutes a violation of the CWA and State Act and is grounds for enforcement action; for permit modification, revocation and reissuance, suspension or revocation; or for denial of a permit renewal application.
- b) The permittee shall comply with all effluent standards or prohibitions established under Section 307(a) of the CWA for toxic pollutants within the time provided in the regulations that establish these standards or prohibitions, even if the permit has not yet been modified to incorporate the requirement.

2. Duty to Reapply

If the permittee wishes to continue an activity regulated by this permit after the expiration date of this permit, the permittee must apply for a new permit at least 180 days prior to expiration of the permit.

3. Duty to Mitigate

The permittee shall take all reasonable steps to minimize or prevent any discharge in violation of this permit, which has a reasonable likelihood of adversely affecting human health or the environment.

4. Permit Actions

This permit may be modified, revoked and reissued, suspended, or revoked for cause. The filing of a request by the permittee for permit modification, revocation and reissuance, or revocation, or a notification of planned changes or anticipated noncompliance, does not stay any permit condition.

5. Property Rights

This permit does not convey any property rights of any sort or any exclusive privilege.

6. Signatory Requirements

All applications, reports, or information submitted to the Director shall be signed and certified as required in Title 47, Series 10, Section 4.6 of the West Virginia Legislative Rules.

7. Transfers

This permit is not transferrable to any person except after notice to the Director. The Director may require modification or revocation and reissuance of the permit to change the name of the permittee and incorporate such other requirements as may be necessary.

8. Duty to Provide Information

The permittee shall furnish to the Director, within a reasonable specified time, any information which the Director may request to determine whether cause exists for modifying, revoking and reissuing, suspending, or revoking this permit, or to determine compliance with this permit. The permittee shall also furnish to the Director, upon request, copies of records required to be kept by this permit.

9. Other Information

Where the permittee becomes aware that it failed to submit any relevant facts in a permit application, or submitted incorrect information in a permit application or in any report to the Director, it shall promptly submit such facts or information.

10. Inspection and Entry

The permittee shall allow the Director, or an authorized representative, upon the presentation of credentials and other documents as may be required by law, to:

- a) Enter upon the permittee's premises in which an effluent source or activity is located, or where records must be kept under the conditions of this permit;
- b) Have access to and copy at reasonable times, any records that must be kept under the conditions of this permit;
- c) Inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this permit; and
- d) Sample or monitor at reasonable times, for the purposes of assuring permit compliance or as otherwise authorized by the State Act, any substances or parameters at any location.

11. Permit Modification

This permit may be modified, suspended, or revoked in whole or in part during its term in accordance with the provisions of Chapter 22-11-12 of the Code of West Virginia.

12. Water Quality

This discharge shall not cause or materially contribute to: distinctly visible floating or settleable solids, suspended solids, scum, foam or oily slicks; deposits or sludge bank on the bottom; odors in the vicinity of the waters; taste or odor that would adversely affect the designated uses of the affected waters; distinctly visible color which may impair or interfere with the designated uses of the affected waters; and shall not cause a fish or mussel kill. The limitations and conditions in this permit for the discharges identified in this permit are limitations and conditions that are necessary to meet applicable West Virginia water quality standards, Requirements Governing Water Quality Standards 47 CSR 2.

13. Outlet Markers

A permanent marker at the establishment shall be posted in accordance with Title 47, Series 11, Section 9 of the West Virginia Legislative Rules.

14. Liabilities

- a) Any person who violates a permit condition implementing sections 301, 302, 306, 307, 308, 318, or 405 of the Clean Water Act is subject to a civil penalty not to exceed \$25,000 per day of such violation. Any person who willfully or negligently violates permit conditions implementing sections 301, 302, 306, 307, 308 or 405 of the Clean Water Act is subject to a fine of not less than \$2,500 nor more than \$25,000 per day of violation, or by imprisonment for not more than 1 year, or both.
- b) Any person who falsifies, tampers with, or knowingly renders inaccurate any monitoring device or method required to be maintained under this permit shall, upon conviction, be punished by a fine of not more than \$10,000 per violation, or by imprisonment for not more than 2 years, or by both.
- c) Any person who knowingly makes any false statement, representation, or certification in any record or other document submitted or required to be maintained under this permit, including monitoring reports or reports of compliance or noncompliance shall, upon conviction, be punished by a fine of not more than \$10,000 per violation, or by imprisonment for not more than 2 years, or by both.
- d) Nothing in I.14 a), b), and c) shall be construed to limit or prohibit any other authority the Director may have under the State Water Pollution Control Act, Chapter 22, Article 11.

II. OPERATION AND MAINTENANCE:

1. Proper Operation and Maintenance

The permittee shall at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the permittee to achieve compliance with the conditions of this permit. Proper operation and maintenance also includes adequate laboratory controls, and appropriate quality assurance procedures. Unless otherwise required by Federal or State law, this provision requires the operation of back-up auxiliary facilities or similar systems which are installed by the permittee only when the operation is necessary to achieve compliance with the conditions of the permit. For domestic waste treatment facilities, waste treatment operators as classified by the WV Bureau of Public Health Laws, W. Va. Code Chapter 16-1, will be required except that in circumstances where the domestic waste treatment facility is receiving any type of industrial waste, the Director may require a more highly skilled operator.

2. Need to Halt or Reduce Activity Not a Defense

It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of the permit.

3. Bypass

- a) Definitions
 - (1) "Bypass" means the intentional diversion of waste streams from any portion of a treatment facility; and
 - (2) "Severe property damage" means substantial physical damage to property, damage to the treatment facilities which causes them to become inoperable, or substantial and permanent loss of natural resources which can reasonably be expected to occur in the absence of a bypass. Severe property damage does not mean economic loss caused by delays in production.
- b) Bypass not exceeding limitations. The permittee may allow any bypass to occur which does not cause effluent limitations to be exceeded, but only if it also is for essential maintenance to assure efficient operation. These bypasses are not subject to the provision of II.3.c) and II.3.d) of this permit.
- c)
 - (1) If the permittee knows in advance of the need for a bypass, it shall submit prior notice, if possible at least ten (10) days before the date of the bypass;
 - (2) If the permittee does not know in advance of the need for bypass, notice shall be submitted as required in IV.2.b) of this permit.
- d) Prohibition of bypass
 - (1) Bypass is permitted only under the following conditions, and the Director may take enforcement action against a permittee for a bypass, unless;
 - (A) Bypass was unavoidable to prevent loss of life, personal injury, or severe property damage;
 - (B) There were no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment downtime. This condition is not satisfied if adequate backup equipment should have been installed in the exercise of reasonable engineering judgement to prevent a bypass which occurred during normal periods of equipment downtime or preventative maintenance; and
 - (C) The permittee submitted notices as required under II.3.c) of this permit.
 - (2) The Director may approve an anticipated bypass, after considering its adverse effects, if the Director determines that it will meet the three conditions listed in II.3.d.(1) of this permit.

4. Upset

- a) Definition. "Upset" means an exceptional incident in which there is unintentional and temporary noncompliance with technology-based permit effluent limitations because of factors beyond the reasonable control of the permittee. An upset does not include noncompliance to the extent caused by operational error, improperly designed treatment facilities, inadequate treatment facilities, lack of preventative maintenance, or careless or improper operation.
- b) Effect of an upset. An upset constitutes an affirmative defense to an action brought for noncompliance with such technology-based permit effluent limitation if the requirements of II.4.c) are met. No determination made during administrative review of claims that noncompliance was caused by upset, and before an action for noncompliance, is final administrative action subject to judicial review.
- c) Conditions necessary for a demonstration of upset. A permittee who wishes to establish the affirmative defense of upset shall demonstrate, through properly signed, contemporaneous operating logs, or other relevant evidence that:
 - (1) An upset occurred and that the permittee can identify the cause(s) of the upset;
 - (2) The permitted facility was at the time being properly operated;
 - (3) The permittee submitted notice of the upset as required in IV.2.b) of this permit.
 - (4) The permittee complied with any remedial measures required under I.3. of this permit.
- d) Burden of proof. In any enforcement proceeding the permittee seeking to establish the occurrence of an upset has the burden of proof.

5. Removed Substances

Where removed substances are not otherwise covered by the terms and conditions of this permit or other existing permit by the Director, any solids, sludges, filter backwash or other pollutants (removed in the course of treatment or control of wastewaters) and which are intended for disposal within the State, shall be disposed of only in a manner and at a site subject to the approval by the Director. If such substances are intended for disposal outside the State or for reuse, i.e., as a material used for making another product, which in turn has another use, the permittee shall notify the Director in writing of the proposed disposal or use of such substances, the identity of the prospective disposer or users, and the intended place of disposal or use, as appropriate.

III. MONITORING AND REPORTING

1. Representative Sampling

Samples and measurements taken for the purpose of monitoring shall be representative of the monitored activity.

2. Reporting

- a) Permittee shall submit, according to the enclosed format, a Discharge Monitoring Report (DMR) indicating in terms of concentration, and/or quantities, the values of the constituents listed in Part A analytically determined to be in the plant effluent(s). DMR submissions shall be made in accordance with the terms contained in Section C of this permit.
- b) Enter reported average and maximum values under "Quantity" and "Concentration" in the units specified for each parameter, as appropriate.
- c) Specify the number of analyzed samples that exceed the allowable permit conditions in the columns labeled "N.E." (i.e., number exceeding).
- d) Specify frequency of analysis for each parameter as number of analyses/specified period (e.g., 3/month is equivalent to 3 analyses performed every calendar month). If continuous, enter "Cont.". The frequency listed on format is the minimum required.

3. Test Procedures

Samples shall be taken, preserved and analyzed in accordance with the latest edition of 40 CFR Part 136, unless other test procedures have been specified elsewhere in this permit.

4. Recording of Results

For each measurement or sample taken pursuant to the permit, the permittee shall record the following information.

- a) The date, exact place, and time of sampling or measurement;
- b) The date(s) analyses were performed;
- c) The individual(s) who performed the sampling or measurement;
- d) The individual(s) who performed the analyses; if a commercial laboratory is used, the name and address of the laboratory;
- e) The analytical techniques or methods used, and
- f) The results of such analyses. Information not required by the DMR form is not to be submitted to this agency, but is to be retained as required in III.6.

5. Additional Monitoring by Permittee

If the permittee monitors any pollutant at any monitoring point specified in this permit more frequently than required by this permit, using approved test procedures or others as specified in this permit, the results of this monitoring shall be included in the calculation and reporting of the data submitted in the Discharge Monitoring Report Form. Such increased frequency shall also be indicated. Calculations for all limitations which require averaging of measurements shall utilize an arithmetic mean unless otherwise specified in the permit.

6. Records Retention

The permittee shall retain records of all monitoring information, including all calibration and maintenance records and all original chart recordings for continuous monitoring instrumentation, copies of all reports required by this permit, and records of all data used to complete the application for the permit, for a period of at least three (3) years from the date of the sample, measurement, report or application. This period may be extended by request of the Director at any time.

7. Definitions

- a) "Daily discharge" means the discharge of a pollutant measured during a calendar day or within any specified period that reasonably represents the calendar day for purposes of sampling. For pollutants with limitations expressed in units of mass, the daily discharge is calculated as the total mass of the pollutant discharged over the day. For pollutants with limitations expressed in other units of measurement, the daily discharge is calculated as the average measurement of the pollutant over the day.
- b) "Average monthly discharge limitation" means the highest allowable average of daily discharges over a calendar month, calculated as the sum of all daily discharges measured during a calendar month divided by the number of daily discharges measured during that month.
- c) "Maximum daily discharge limitation" means the highest allowable daily discharge.
- d) "Composite Sample" is a combination of individual samples obtained at regular intervals over a time period. Either the volume of each individual sample is proportional to discharge flow rates or the sampling interval (for constant volume samples) is proportional to the flow rates over the time period used to produce the composite. The maximum time period between individual samples shall be two hours.
- e) "Grab Sample" is an individual sample collected in less than 15 minutes.
- f) "is" = immersion stabilization - a calibrated device is immersed in the effluent stream until the reading is stabilized.
- g) The "daily average temperature" means the arithmetic average of temperature measurements made on an hourly basis, or the mean value plot of the record of a continuous automated temperature recording instrument, either during a calendar month, or during the operating month if flows are of shorter duration.
- h) The "daily maximum temperature" means the highest arithmetic average of the temperatures observed for any two (2) consecutive hours during a 24 hour day, or during the operating day if flows are of shorter duration.
- i) The "monthly average fecal coliform" bacteria is the geometric average of all samples collected during the month.
- j) "Measured Flow" means any method of liquid volume measurement, the accuracy of which has been previously demonstrated in engineering practice, or which a relationship to absolute volume has been obtained.
- k) "Estimate" means to be based on a technical evaluation of the sources contributing to the discharge including, but not limited to pump capabilities, water meters and batch discharge volumes.
- l) "Non-contact cooling water" means the water that is contained in a leak-free system, i.e., no contact with any gas, liquid, or solid other than the container for transport; the water shall have no net poundage addition of any pollutant over intake water levels, exclusive of approved anti-fouling agents.

IV. OTHER REPORTING

1. Reporting Spills and Accidental Discharges

Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to Title 47, Series 11, Section 2 of the West Virginia Legislative Rules promulgated pursuant to Chapter 22, Article 11. Attached is a copy of the West Virginia Spill Alert System for use in complying with Title 47, Series 11, Section 2 of the Legislative rules as they pertain to the reporting of spills and accidental discharges.

2. Immediate Reporting

- a) The permittee shall report any noncompliance which may endanger health or the environment immediately after becoming aware of the circumstances by using the Agency's designated spill alert telephone number. A written submission shall be provided within five (5) days of the time the permittee becomes aware of the circumstances. The written submission shall contain a description of the noncompliance and its cause; the period of noncompliance, including exact dates and times, and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance.
- b) The following shall also be reported immediately:
 - (1) Any unanticipated bypass which exceeds any effluent limitation in the permit;
 - (2) Any upset which exceeds any effluent limitation in the permit; and
 - (3) Violation of a maximum daily discharge limitation for any of the pollutants listed by the Director in the permit shall be reported immediately. This list shall include any toxic pollutant or hazardous substance, or any pollutant specifically identified as the method to control a toxic pollutant or hazardous substance.
- c) The Director may waive the written report on a case-by-case basis if the oral report has been received in accordance with the above.
- d) Compliance with the requirements of IV.2 of this section, shall not relieve a person of compliance with Title 47, Series 11, Section 2.

3. Reporting Requirements

- a) Planned changes. The permittee shall give notice to the Director of any planned physical alterations or additions to the permitted facility which may affect the nature or quantity of the discharge. Notice is required when:
 - (1) The alteration or addition to a permitted facility may meet one of the criteria for determining whether a facility is a new source in Section 13.7.b of Series 10, Title 47; or
 - (2) The alteration or addition could significantly change the nature or increase the quantity of pollutants discharged. This notification applies to pollutants which are subject neither to effluent limitations in the permit, nor to notification requirements under IV.2 of this section.
- b) Anticipated noncompliance. The permittee shall give advance notice to the Director of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements.
- c) In addition to the above reporting requirements, all existing manufacturing, commercial, and silvicultural discharges must notify the Director in writing as soon as they know or have reason to believe:
 - (1) That any activity has occurred or will occur which would result in the discharge, on a routine or frequent basis, or any toxic pollutant which is not limited in the permit, if that discharge will exceed the highest of the following "notification levels":
 - (A) One hundred micrograms per liter (100 ug/l);
 - (B) Two hundred micrograms per liter (200 ug/l) for acrolein and acrylonitrile; five hundred micrograms per liter (500 ug/l) for 2,4-dinitro phenol; and for 2-methyl 4,6-dinitrophenol; and one milligram per liter (1 mg/l) for antimony;
 - (C) Five (5) times the maximum concentration value reported for that pollutant in the permit application in accordance with Section 4.4.b.9 of Series 10, Title 47.
 - (D) The level established by the Director in accordance with Section 6.3.g of Series 10, Title 47;
 - (2) That any activity has occurred or will occur which would result in any discharge (on a non-routine or infrequent basis) of a toxic pollutant which is not limited in the permit, if that discharge will exceed the highest of the following "notification levels":
 - (A) Five hundred micrograms per liter (500 ug/l);
 - (B) One milligram per liter (1 mg/l) for antimony;
 - (C) Ten (10) times the maximum concentration value reported for that pollutant in the permit application in accordance with Section 4.4.b.7 of Series 10, Title 47;
 - (D) The level established by the Director in accordance with Section 6.3.g of Series 10, Title 47.
 - (3) That they have begun or expect to begin to use or manufacture as an intermediate or final product or by-product of any toxic pollutant which was not reported in the permit application under Section 4.4.b.9 of Series 10, Title 47 and which will result in the discharge on a routine or frequent basis of that toxic pollutant at levels which exceed five times the detection limit for that pollutant under approved analytical procedure.
 - (4) That they have begun or expect to begin to use or manufacture as an intermediate or final product or by-product of any toxic pollutant which was not reported in the permit application under Section 4.4.b.9 of Series 10, Title 47 and which will result in the discharge on a non-routine or infrequent basis of that toxic pollutant at levels which exceed ten times the detection limit for that pollutant under approved analytical procedure.

4. Other Noncompliance

The permittee shall report all instances of noncompliance not reported under the above paragraphs at the time monitoring reports are submitted. The reports shall contain the information listed in IV.2.a). Should other applicable noncompliance reporting be required, these terms and conditions will be found in Section C of this permit.

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Permit Limits

FACILITY NAME: (WASHINGTON WORKS) THE CHEMOURS COMPANY FC, LLC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: WASHINGTON; Wood County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0001279 001

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

| Parameter | | Quantity | | | | Other Units | | | | | | Measurement Frequency | Sample Type |
|---|---------------|--------------------------|------------------------|---------|------|-----------------|--------------------------|------------------------|------|-------|------|-----------------------|--------------------|
| | | | | Units | N.E. | | | | CEL* | Units | N.E. | | |
| 50050 (ML-1) RF-A Flow in Conduit or thru plant Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | N/A | Rpt Only Max. Daily | N/A | mgd | | 1/month | measured |
| 00530 (ML-1) RF-A Total Suspended Solids Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | Rpt Only Avg. Monthly | Rpt Only Max. Daily | Lbs/Day | | N/A | 34 Avg. Monthly | 59 Max. Daily | N/A | mg/l | | 1/month | 24 hr Composite |
| 00400 (ML-1) RF-A pH Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | 6 Inst. Min. | N/A | 9 Inst. Max. | N/A | S.U. | | 1/month | Grab |
| 50060 (ML-1) RF-A Chlorine, Total Residual Year Round Interim: 9/1/2018 to 8/31/2020 | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/month | Grab |
| 50060 (ML-1) RF-A Chlorine, Total Residual Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | 0.028 Avg. Monthly | 0.057 Max. Daily | 0.1 | mg/l | | 1/month | Grab |
| 01114 (ML-1) RF-B Lead, Total Recoverable Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/quarter | 24 hr Composite |

* CEL = Compliance Evaluation Level

| | | | |
|-------------------------------------|--|--|--|
| Name of Principal Executive Officer | I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of a fine and imprisonment for knowing violations. | Date Completed | |
| Title of Officer | | Signature of Principal Executive Officer or Authorized Agent | |

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Permit Limits

FACILITY NAME: (WASHINGTON WORKS) THE CHEMOURS COMPANY FC, LLC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: WASHINGTON; Wood County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0001279 001

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

| Parameter | | Quantity | | | | Other Units | | | | | | Measurement Frequency | Sample Type |
|---|---------------|--------------------------|------------------------|---------|-----|-------------|--------------------------|------------------------|------|-------|-----|-----------------------|--------------------|
| | | | | Units | N E | | | | CEL* | Units | N E | | |
| 01094 (ML-1) RF-A Zinc, Total Recoverable Year Round | Reported | | | Lbs/Day | | N/A | 0.146 Avg. Monthly | 0.371 Max. Daily | N/A | mg/l | | 1/month | 24 hr Composite |
| | Permit Limits | Rpt Only Avg. Monthly | Rpt Only Max. Daily | | | | | | | | | | |
| 71900 (ML-1) RF-B Mercury, Total (as Hg) Year Round | Reported | | | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | ug/l | | 1/quarter | Grab |
| | Permit Limits | N/A | N/A | | | | | | | | | | |
| 01104 (ML-1) RF-B Aluminum, Total Recoverable Year Round | Reported | | | Lbs/Day | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/quarter | 24 hr Composite |
| | Permit Limits | Rpt Only Avg. Monthly | Rpt Only Max. Daily | | | | | | | | | | |
| 00980 (ML-1) RF-B Iron, Total Recoverable Year Round | Reported | | | Lbs/Day | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/quarter | 24 hr Composite |
| | Permit Limits | Rpt Only Avg. Monthly | Rpt Only Max. Daily | | | | | | | | | | |
| 61425 (ML-1) RF-C Acute Tox - Ceriodaphnia Dubia Year Round | Reported | | | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | TUa | | 1/6 months | 24 hr Composite |
| | Permit Limits | N/A | N/A | | | | | | | | | | |
| 61427 (ML-1) RF-C Acute Toxicity - Pimephales Year Round | Reported | | | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | TUa | | 1/6 months | 24 hr Composite |
| | Permit Limits | N/A | N/A | | | | | | | | | | |

* CEL = Compliance Evaluation Level

| | | |
|-------------------------------------|--|--|
| Name of Principal Executive Officer | I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of a fine and imprisonment for knowing violations. | Date Completed |
| Title of Officer | | Signature of Principal Executive Officer or Authorized Agent |

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Permit Limits

FACILITY NAME: WASHINGTON WORKS) THE CHEMOURS COMPANY FC, LLC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: WASHINGTON; Wood County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0001279 001

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

| Parameter | | Quantity | | | | Other Units | | | | | Measurement Frequency | Sample Type |
|---|---------------|----------|-----|-------|------|-------------|--------------------------|------------------------|------|-------|-----------------------|------------------------------|
| | | | | Units | N.E. | | | | CEL* | Units | | |
| 00981 (ML-1) RF-B Selenium, Total Recoverable Year Round | Reported | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/quarter 24 hr Composite |
| 00978 (ML-1) RF-B Arsenic, Total Recoverable Year Round | Reported | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/quarter 24 hr Composite |
| 01097 (ML-1) RF-B Antimony, Total (as Sb) Year Round | Reported | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/quarter 24 hr Composite |
| 32730 (ML-1) RF-B Phenolics, Total Recoverable Year Round | Reported | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/quarter 24 hr Composite |
| 00011 (ML-7) RF-A Temperature, F Year Round | Reported | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | DEG.F | | 1/month Insitu |
| 00011 (ML-1) RF-A Temperature, F Year Round | Reported | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | DEG.F | | 1/month Insitu |

* CEL = Compliance Evaluation Level

| | | | |
|-------------------------------------|--|--|--|
| Name of Principal Executive Officer | I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of a fine and imprisonment for knowing violations. | Date Completed | |
| Title of Officer | | Signature of Principal Executive Officer or Authorized Agent | |

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Permit Limits

FACILITY NAME: (WASHINGTON WORKS) THE CHEMOURS COMPANY FC, LLC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: WASHINGTON; Wood County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0001279001

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

| Parameter | | Quantity | | | | Other Units | | | | | | Measurement Frequency | Sample Type |
|--|---------------|--------------------------|------------------------|---------|------|-------------|--------------------------|------------------------|------|-------|------|-----------------------|--------------------|
| | | | | Units | N.E. | | | | CEL* | Units | N.E. | | |
| 00680 (ML-1) RF-A Total Organic Carbon Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | 8 Avg. Monthly | 13 Max. Daily | N/A | mg/l | | 1/month | 24 hr Composite |
| 01059 (ML-1) RF-B Thallium, Total (as Tl) Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/quarter | 24 hr Composite |
| 51065 (ML-1) RF-A PFOA Year Round Interim: 9/1/2018 to 8/31/2021 | Reported | | | | | | | | | | | | |
| | Permit Limits | Rpt Only Avg. Monthly | Rpt Only Max. Daily | Lbs/Day | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | ug/l | | 1/month | 24 hr Composite |
| 51065 (ML-1) RF-A PFOA Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | Rpt Only Avg. Monthly | Rpt Only Max. Daily | Lbs/Day | | N/A | 2 Avg. Monthly | 7.3 Max. Daily | N/A | ug/l | | 1/month | 24 hr Composite |
| 51715 (ML-1) RF-A HFPO Dimer Acid Year Round Interim: 9/1/2018 to 8/31/2021 | Reported | | | | | | | | | | | | |
| | Permit Limits | Rpt Only Avg. Monthly | Rpt Only Max. Daily | Lbs/Day | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | ug/l | | 1/month | 24 hr Composite |
| 51715 (ML-1) RF-A HFPO Dimer Acid Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | Rpt Only Avg. Monthly | Rpt Only Max. Daily | Lbs/Day | | N/A | 1.4 Avg. Monthly | 2 Max. Daily | N/A | ug/l | | 1/month | 24 hr Composite |

* CEL = Compliance Evaluation Level

| | | |
|-------------------------------------|--|--|
| Name of Principal Executive Officer | I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of a fine and imprisonment for knowing violations. | Date Completed |
| Title of Officer | | Signature of Principal Executive Officer or Authorized Agent |

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Permit Limits

FACILITY NAME: (WASHINGTON WORKS) THE CHEMOURS COMPANY FC, LLC
 LOCATION OF FACILITY: WASHINGTON; Wood County
 PERMIT NO.: WV0001279 002
 WASTELOAD FOR THE MONTH OF: _____

CERTIFIED LABORATORY NAME: _____
 CERTIFIED LABORATORY ADDRESS: _____
 INDIVIDUAL PERFORMING ANALYSIS: _____

| Parameter | | Quantity | | | | Other Units | | | | | Measurement Frequency | Sample Type |
|---|---------------|--------------------------|------------------------|---------|-----|----------------|--------------------------|------------------------|-------|------------|-----------------------|--------------------|
| | | | | Units | N E | | | CEL* | Units | N.E. | | |
| 50050 (ML-1) RF-A Flow, in Conduit or thru plant Year Round | Reported | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mgd | 1/week | measured |
| 00310 (ML-1) RF-A BOD, 5-Day 20 Deg C Year Round | Reported | | | | | | | | | | | |
| | Permit Limits | 364 Avg. Monthly | 970 Max. Daily | Lbs/Day | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | 1/week | 24 hr Composite |
| 00530 (ML-2) RF-A Total Suspended Solids Year Round | Reported | | | | | | | | | | | |
| | Permit Limits | 612 Avg. Monthly | 1988 Max. Daily | Lbs/Day | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | 1/week | Calculated |
| 00530 (ML-1) RF-A Total Suspended Solids Year Round | Reported | | | | | | | | | | | |
| | Permit Limits | Rpt Only Avg. Monthly | Rpt Only Max. Daily | Lbs/Day | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | 1/week | 24 hr Composite |
| 74055 (ML-1) RF-A Coliform, Fecal Year Round | Reported | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | 200 Mon. Geo. Mean | 400 Max. Daily | N/A | Cnts/100ml | 1/month | Grab |
| 00400 (ML-1) RF-A pH Year Round | Reported | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | 6 Inst. Min | N/A | 9 Inst. Max | N/A | S.U. | Continuous | Recorded |

* CEL = Compliance Evaluation Level

| | | | |
|-------------------------------------|--|--|--|
| Name of Principal Executive Officer | I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of a fine and imprisonment for knowing violations. | Date Completed | |
| Title of Officer | | Signature of Principal Executive Officer or Authorized Agent | |
| | | | |

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Permit Limits

FACILITY NAME: (WASHINGTON WORKS) THE CHEMOURS COMPANY FC, LLC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: WASHINGTON; Wood County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0001279 002

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

| Parameter | | Quantity | | | | Other Units | | | | | | Measurement Frequency | Sample Type |
|---|---------------|--------------------------|------------------------|---------|------|-------------|--------------------------|------------------------|------|-------|------|-----------------------|--------------------|
| | | | | Units | N.E. | | | | CEL* | Units | N.E. | | |
| 00610 (ML-1) RF-A Ammonia Nitrogen Year Round Interim: 9/1/2018 to 8/31/2021 | Reported | | | Lbs/Day | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/week | 24 hr Composite |
| | Permit Limits | Rpt Only Avg. Monthly | Rpt Only Max. Daily | | | | | | | | | | |
| 00610 (ML-1) RF-A Ammonia Nitrogen Year Round | Reported | | | Lbs/Day | | N/A | 3.2 Avg. Monthly | 5.4 Max. Daily | N/A | mg/l | | 1/week | 24 hr Composite |
| | Permit Limits | Rpt Only Avg. Monthly | Rpt Only Max. Daily | | | | | | | | | | |
| 00620 (ML-1) RF-B Nitrogen Nitrate Year Round | Reported | | | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/quarter | 24 hr Composite |
| | Permit Limits | N/A | N/A | | | | | | | | | | |
| 00600 (ML-1) RF-D Nitrogen, Total (as N) Year Round | Reported | | | Lbs/Day | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/year | 24 hr Composite |
| | Permit Limits | Rpt Only Avg. Monthly | Rpt Only Max. Daily | | | | | | | | | | |
| 00665 (ML-1) RF-D Phosphorus, Total Year Round | Reported | | | Lbs/Day | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/year | 24 hr Composite |
| | Permit Limits | Rpt Only Avg. Monthly | Rpt Only Max. Daily | | | | | | | | | | |
| 50060 (ML-1) RF-A Chlorine, Total Residual Year Round | Reported | | | | | N/A | 0.028 Avg. Monthly | 0.057 Max. Daily | 0.1 | mg/l | | 1/week | Grab |
| | Permit Limits | N/A | N/A | | | | | | | | | | |

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| | | |
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| Title of Officer | | Signature of Principal Executive Officer or Authorized Agent |

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Permit Limits

FACILITY NAME: (WASHINGTON WORKS) THE CHEMOURS COMPANY FC, LLC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: WASHINGTON; Wood County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0001279 002

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

| Parameter | | Quantity | | | | Other Units | | | | | | Measurement Frequency | Sample Type |
|--|---------------|----------|-----|-------|------|-------------|--------------------------|------------------------|------|-------|------|-----------------------|--------------------|
| | | | | Units | N.E. | | | | CEL* | Units | N.E. | | |
| 01119 (ML-1) RF-B Copper, Total Recoverable Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/quarter | 24 hr Composite |
| 01094 (ML-1) RF-A Zinc, Total Recoverable Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/month | 24 hr Composite |
| 71900 (ML-1) RF-B Mercury, Total (as Hg) Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | ug/l | | 1/quarter | Grab |
| 01104 (ML-1) RF-B Aluminum, Total Recoverable Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/quarter | 24 hr Composite |
| 00980 (ML-1) RF-B Iron, Total Recoverable Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/quarter | 24 hr Composite |
| 00940 (ML-1) RF-B Chloride (as Cl) Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/quarter | 24 hr Composite |

* CEL = Compliance Evaluation Level

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| Title of Officer | | Signature of Principal Executive Officer or Authorized Agent | |
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STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Permit Limits

FACILITY NAME: (WASHINGTON WORKS) THE CHEMOURS COMPANY FC, LLC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: WASHINGTON; Wood County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0001279002

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

| Parameter | | Quantity | | | | Other Units | | | | | Measurement Frequency | Sample Type |
|---|---------------|----------------------|-------------------|----------|------|-------------|--------------------------|------------------------|-------|---------|-----------------------|--------------------|
| | | | | Units | N.E. | | | CEL* | Units | N.E. | | |
| 61425 (ML-1) RF-B Acute Tox - Ceriodaphnia Dubia Year Round | Reported | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | TUa | 1/quarter | 24 hr Composite |
| 61427 (ML-1) RF-B Acute Toxicity - Pimephales Year Round | Reported | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Max. Daily | Rpt Only Max. Daily | N/A | TUa | 1/quarter | 24 hr Composite |
| 34423 (ML-1) RF-A Methylene Chloride Year Round | Reported | | | | | | | | | | | |
| | Permit Limits | 0.55 Avg. Monthly | 2.6 Max. Daily | Lbs/Day | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | ug/l | 1/month | Grab |
| 82581 (ML-1) RF-A pH, No. of Excursions >60 min. Year Round | Reported | | | | | | | | | | | |
| | Permit Limits | N/A | 0 Max. Daily | Ocur/Mon | | N/A | N/A | N/A | N/A | | Continuous | Continuous |
| 82582 (ML-1) RF-A pH Excursions Total Time Year Round | Reported | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | N/A | 446 Monthly Total | N/A | Minutes | Continuous | Continuous |
| 39180 (ML-1) RF-B Trichloroethylene Year Round | Reported | | | | | | | | | | | |
| | Permit Limits | 0.4 Avg. Monthly | 1.1 Max. Daily | Lbs/Day | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | ug/l | 1/quarter | Grab |

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| Title of Officer | | Signature of Principal Executive Officer or Authorized Agent | |

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Permit Limits

FACILITY NAME: (WASHINGTON WORKS) THE CHEMOURS COMPANY FC, LLC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: WASHINGTON; Wood County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0001279002

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

| Parameter | | Quantity | | | | Other Units | | | | | | Measurement Frequency | Sample Type |
|--|---------------|----------------------|--------------------|---------|------|-------------|--------------------------|------------------------|------|-------|------|-----------------------|--------------------|
| | | | | Units | N.E. | | | | CEL* | Units | N.E. | | |
| 34418 (ML-1) RF-A Methyl Chloride Year Round | Reported | | | Lbs/Day | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | ug/l | | 1/month | Grab |
| | Permit Limits | 1.7 Avg. Monthly | 4.5 Max. Daily | | | | | | | | | | |
| 01051 (ML-1) RF-B Lead, Total (as Pb) Year Round | Reported | | | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/quarter | 24 hr Composite |
| | Permit Limits | N/A | N/A | | | | | | | | | | |
| 79531 (ML-1) RF-B 3,4 Benzofluoranthene Year Round | Reported | | | Lbs/Day | | N/A | 0.1 Avg. Monthly | 0.15 Max. Daily | N/A | ug/l | | 1/quarter | 24 hr Composite |
| | Permit Limits | 0.31 Avg. Monthly | 0.74 Max. Daily | | | | | | | | | | |
| 00981 (ML-1) RF-B Selenium, Total Recoverable Year Round | Reported | | | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/quarter | 24 hr Composite |
| | Permit Limits | N/A | N/A | | | | | | | | | | |
| 00978 (ML-1) RF-B Arsenic, Total Recoverable Year Round | Reported | | | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/quarter | 24 hr Composite |
| | Permit Limits | N/A | N/A | | | | | | | | | | |
| 34010 (ML-1) RF-A Toluene Year Round | Reported | | | Lbs/Day | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/month | Grab |
| | Permit Limits | 0.43 Avg. Monthly | 1.1 Max. Daily | | | | | | | | | | |

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| Title of Officer | | Signature of Principal Executive Officer or Authorized Agent |

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Permit Limits

FACILITY NAME: WASHINGTON WORKS) THE CHEMOURS COMPANY FC, LLC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: WASHINGTON; Wood County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0001279 002

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

| Parameter | | Quantity | | | | Other Units | | | | | | Measurement Frequency | Sample Type |
|---|---------------|---------------------|-----------------|---------|------|-------------|--------------------------|------------------------|------|-------|------|-----------------------|--------------------|
| | | | | Units | N.E. | | | | CEL* | Units | N.E. | | |
| 01097 (ML-1) RF-B Antimony, Total (as Sb) Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/quarter | 24 hr Composite |
| 32730 (ML-1) RF-B Phenolics, Total Recoverable Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | ug/l | | 1/quarter | 24 hr Composite |
| 00680 (ML-1) RF-A Total Organic Carbon Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | 5.9 Avg. Monthly | 7.9 Max. Daily | N/A | mg/l | | 1/month | 24 hr Composite |
| 32106 (ML-1) RF-A Chloroform Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | 1.7 Avg. Monthly | 5 Max. Daily | Lbs/Day | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | ug/l | | 1/month | Grab |
| 81020 (ML-1) RF-A Sulfate Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/month | 24 hr Composite |
| 01059 (ML-1) RF-B Thallium, Total (as Tl) Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/quarter | 24 hr Composite |

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STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Permit Limits

FACILITY NAME: (WASHINGTON WORKS) THE CHEMOURS COMPANY FC, LLC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: WASHINGTON; Wood County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0001279002

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

| Parameter | | Quantity | | | | Other Units | | | | | | Measurement Frequency | Sample Type |
|--|---------------|--------------------------|------------------------|---------|------|-------------|---------------------|-------------------|------|-------|------|-----------------------|--------------------|
| | | | | Units | N.E. | | | | CEL* | Units | N.E. | | |
| 51065 (ML-1) RF-A PFOA Year Round Interim: 9/1/2018 to 8/31/2021 | Reported | | | Lbs/Day | | N/A | 18 Avg. Monthly | 18 Max. Daily | N/A | ug/l | | 1/week | 24 hr Composite |
| | Permit Limits | Rpt Only Avg. Monthly | Rpt Only Max. Daily | | | | | | | | | | |
| 51065 (ML-1) RF-A PFOA Year Round | Reported | | | Lbs/Day | | N/A | 2 Avg. Monthly | 3.3 Max. Daily | N/A | ug/l | | 1/week | 24 hr Composite |
| | Permit Limits | Rpt Only Avg. Monthly | Rpt Only Max. Daily | | | | | | | | | | |
| 51715 (ML-1) RF-A HFPO Dimer Acid Year Round Interim: 9/1/2018 to 8/31/2021 | Reported | | | Lbs/Day | | N/A | 9 Avg. Monthly | 32 Max. Daily | N/A | ug/l | | 1/week | 24 hr Composite |
| | Permit Limits | Rpt Only Avg. Monthly | Rpt Only Max. Daily | | | | | | | | | | |
| 51715 (ML-1) RF-A HFPO Dimer Acid Year Round | Reported | | | Lbs/Day | | N/A | 1.4 Avg. Monthly | 2.3 Max. Daily | N/A | ug/l | | 1/week | 24 hr Composite |
| | Permit Limits | Rpt Only Avg. Monthly | Rpt Only Max. Daily | | | | | | | | | | |

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STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Permit Limits

FACILITY NAME: (WASHINGTON WORKS) THE CHEMOURS COMPANY FC, LLC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: WASHINGTON; Wood County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0001279003

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

| Parameter | | Quantity | | | | Other Units | | | | | | Measurement Frequency | Sample Type |
|---|---------------|--------------------------|------------------------|---------|------|-----------------|--------------------------|------------------------|------|-------|------|-----------------------|--------------------|
| | | | | Units | N.E. | | | | CEL* | Units | N.E. | | |
| 50050 (ML-1) RF-A Flow, in Conduit or thru plant Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mgd | | 1/month | measured |
| 00530 (ML-1) RF-A Total Suspended Solids Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | Rpt Only Avg. Monthly | Rpt Only Max. Daily | Lbs/Day | | N/A | 267 Avg. Monthly | 382 Max. Daily | N/A | mg/l | | 1/month | 24 hr Composite |
| 00400 (ML-1) RF-A pH Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | 6 Inst. Min. | N/A | 9 Inst. Max. | N/A | S.U. | | 1/month | Grab |
| 00610 (ML-1) RF-B Ammonia Nitrogen Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/quarter | 24 hr Composite |
| 50060 (ML-1) RF-A Chlorine, Total Residual Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | 0.028 Avg. Monthly | 0.057 Max. Daily | 0.1 | mg/l | | 1/month | Grab |
| 01119 (ML-1) RF-B Copper, Total Recoverable Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/quarter | 24 hr Composite |

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| Title of Officer | | Signature of Principal Executive Officer or Authorized Agent |

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Permit Limits

FACILITY NAME: (WASHINGTON WORKS) THE CHEMOURS COMPANY FC, LLC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: WASHINGTON; Wood County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0001279 003

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

| Parameter | | Quantity | | | | Other Units | | | | | | Measurement Frequency | Sample Type |
|---|---------------|----------|-----|-------|------|-------------|--------------------------|------------------------|------|-------|------|-----------------------|--------------------|
| | | | | Units | N.E. | | | | CEL* | Units | N.E. | | |
| 01114 (ML-1) RF-B Lead, Total Recoverable Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/quarter | 24 hr Composite |
| 71900 (ML-1) RF-B Mercury, Total (as Hg) Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | ug/l | | 1/quarter | Grab |
| 01104 (ML-1) RF-B Aluminum, Total Recoverable Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/quarter | 24 hr Composite |
| 00980 (ML-1) RF-B Iron, Total Recoverable Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/quarter | 24 hr Composite |
| 61425 (ML-1) RF-C Acute Tox - Ceriodaphnia Dubia Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | TUa | | 1/6 months | 24 hr Composite |
| 61427 (ML-1) RF-C Acute Toxicity - Pimephales Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | TUa | | 1/6 months | 24 hr Composite |

* CEL = Compliance Evaluation Level

| | | |
|-------------------------------------|--|--|
| Name of Principal Executive Officer | certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of a fine and imprisonment for knowing violations. | Date Completed |
| Title of Officer | | Signature of Principal Executive Officer or Authorized Agent |

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Permit Limits

FACILITY NAME: WASHINGTON WORKS) THE CHEMOURS COMPANY FC, LLC
 LOCATION OF FACILITY: WASHINGTON; Wood County
 PERMIT NO.: WV0001279 003
 WASTELOAD FOR THE MONTH OF: _____

CERTIFIED LABORATORY NAME: _____
 CERTIFIED LABORATORY ADDRESS: _____
 INDIVIDUAL PERFORMING ANALYSIS: _____

| Parameter | | Quantity | | | | Other Units | | | | | | Measurement Frequency | Sample Type |
|---|---------------|----------|-----|-------|------|-------------|--------------------------|------------------------|------|-------|------|-----------------------|--------------------|
| | | | | Units | N.E. | | | | CEL* | Units | N.E. | | |
| 00981 (ML-1) RF-B Selenium, Total Recoverable Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/quarter | 24 hr Composite |
| 00978 (ML-1) RF-B Arsenic, Total Recoverable Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/quarter | 24 hr Composite |
| 01097 (ML-1) RF-B Antimony, Total (as Sb) Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/quarter | 24 hr Composite |
| 32730 (ML-1) RF-B Phenolics, Total Recoverable Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/quarter | 24 hr Composite |
| 00011 (ML-7) RF-A Temperature, F Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | DEG.F | | 1/month | Insitu |
| 00011 (ML-1) RF-A Temperature, F January 1-31 | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | DEG.F | | 1/month | Insitu |

* CEL = Compliance Evaluation Level

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|---|--|--|
| Name of Principal Executive Officer | I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of a fine and imprisonment for knowing violations. | Date Completed <input type="text"/> |
| | | Signature of Principal Executive Officer or Authorized Agent |
| Title of Officer | | |

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Permit Limits

FACILITY NAME: WASHINGTON WORKS) THE CHEMOURS COMPANY FC, LLC
 LOCATION OF FACILITY: WASHINGTON; Wood County
 PERMIT NO.: WV0001279 003
 WASTELOAD FOR THE MONTH OF: _____

CERTIFIED LABORATORY NAME: _____
 CERTIFIED LABORATORY ADDRESS: _____
 INDIVIDUAL PERFORMING ANALYSIS: _____

| Parameter | | Quantity | | | | Other Units | | | | | Measurement Frequency | Sample Type |
|--|---------------|----------|-----|-------|-----|-------------|--------------------------|------------------------|------|-------|-----------------------|-------------------|
| | | | | Units | N.E | | | | CEL* | Units | | |
| 00011 (ML-1) RF-A Temperature, F February 1-28 | Reported | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | DEG.F | | 1/month Insitu |
| 00011 (ML-1) RF-A Temperature, F March 1-31 | Reported | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | DEG.F | | 1/month Insitu |
| 00011 (ML-1) RF-A Temperature, F April 1-30 | Reported | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | DEG.F | | 1/month Insitu |
| 00011 (ML-1) RF-A Temperature, F May 1-31 | Reported | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | 78 Avg. Monthly | 90 Max. Daily | N/A | DEG.F | | 1/month Insitu |
| 00011 (ML-1) RF-A Temperature, F June 1-30 | Reported | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | DEG.F | | 1/month Insitu |
| 00011 (ML-1) RF-A Temperature, F July 1-31 | Reported | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | 101 Avg. Monthly | 110 Max. Daily | N/A | DEG.F | | 1/month Insitu |

* CEL = Compliance Evaluation Level

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|-------------------------------------|--|--|
| Name of Principal Executive Officer | certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of a fine and imprisonment for knowing violations. | Date Completed |
| Title of Officer | | Signature of Principal Executive Officer or Authorized Agent |

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Permit Limits

FACILITY NAME: (WASHINGTON WORKS) THE CHEMOURS COMPANY FC, LLC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: WASHINGTON; Wood County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0001279 003

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

| Parameter | | Quantity | | | | Other Units | | | | | | Measurement Frequency | Sample Type |
|---|---------------|----------|-----|-------|------|-------------|--------------------------|------------------------|------|-------|------|-----------------------|--------------------|
| | | | | Units | N.E. | | | | CEL* | Units | N.E. | | |
| 00011 (ML-1) RF-A Temperature, F August 1-31 | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | 98 Avg. Monthly | 110 Max. Daily | N/A | DEG.F | | 1/month | Insitu |
| 00011 (ML-1) RF-A Temperature, F September 1-30 | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | DEG.F | | 1/month | Insitu |
| 00011 (ML-1) RF-A Temperature, F October 1-31 | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | 81 Avg. Monthly | 93 Max. Daily | N/A | DEG.F | | 1/month | Insitu |
| 00011 (ML-1) RF-A Temperature, F November 1-30 | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | DEG.F | | 1/month | Insitu |
| 00011 (ML-1) RF-A Temperature, F December 1-31 | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | DEG.F | | 1/month | Insitu |
| 00680 (ML-1) RF-A Total Organic Carbon Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | 5.7 Avg. Monthly | 8 Max. Daily | N/A | mg/l | | 1/month | 24 hr Composite |

* CEL = Compliance Evaluation Level

| | | |
|-------------------------------------|--|--|
| Name of Principal Executive Officer | I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of a fine and imprisonment for knowing violations. | Date Completed |
| Title of Officer | | Signature of Principal Executive Officer or Authorized Agent |

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Permit Limits

FACILITY NAME: WASHINGTON WORKS) THE CHEMOURS COMPANY FC, LLC
 LOCATION OF FACILITY: WASHINGTON; Wood County
 PERMIT NO.: WV0001279 003
 WASTELOAD FOR THE MONTH OF: _____

CERTIFIED LABORATORY NAME: _____
 CERTIFIED LABORATORY ADDRESS: _____
 INDIVIDUAL PERFORMING ANALYSIS: _____

| Parameter | | Quantity | | | | Other Units | | | | | | Measurement Frequency | Sample Type |
|--|---------------|--------------------------|------------------------|---------|------|-------------|--------------------------|------------------------|------|-------|------|-----------------------|--------------------|
| | | | | Units | N.E. | | | | CEL* | Units | N.E. | | |
| 01059 (ML-1) RF-B Thallium, Total (as Tl) Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/quarter | 24 hr Composite |
| 51065 (ML-1) RF-A PFOA Year Round Interm. 9/1/2018 to 8/31/2021 | Reported | | | | | | | | | | | | |
| | Permit Limits | Rpt Only Avg. Monthly | Rpt Only Max. Daily | Lbs/Day | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | ug/l | | 1/month | 24 hr Composite |
| 51065 (ML-1) RF-A PFOA Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | Rpt Only Avg. Monthly | Rpt Only Max. Daily | Lbs/Day | | N/A | 2 Avg. Monthly | 2.8 Max. Daily | N/A | ug/l | | 1/month | 24 hr Composite |
| 51715 (ML-1) RF-A HFPO Dimer Acid Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | Rpt Only Avg. Monthly | Rpt Only Max. Daily | Lbs/Day | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | ug/l | | 1/month | 24 hr Composite |

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| Title of Officer | | Signature of Principal Executive Officer or Authorized Agent <div style="border: 1px solid black; height: 40px; width: 100%;"></div> | |

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Permit Limits

FACILITY NAME: (WASHINGTON WORKS) THE CHEMOURS COMPANY FC, LLC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: WASHINGTON; Wood County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0001279 005

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

| Parameter | | Quantity | | | | Other Units | | | | | | Measurement Frequency | Sample Type |
|---|---------------|--------------------------|------------------------|---------|------|-----------------|----------------------------|------------------------|------|-----------|------|-----------------------|--------------------|
| | | | | Units | N.E. | | | | CEL* | Units | N.E. | | |
| 50050 (ML-1) RF-A Flow, in Conduit or thru plant Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mgd | | 1/week | measured |
| 74055 (ML-1) RF-B Coliform, Fecal Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Mon. Geo. Mean | Rpt Only Max. Daily | N/A | Cnts/100m | | 1/quarter | Grab |
| 00400 (ML-1) RF-A pH Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | 6 Inst. Min. | N/A | 9 Inst. Max. | N/A | S.U. | | 1/daily | Grab |
| 00610 (ML-1) RF-B Ammonia Nitrogen Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/quarter | 24 hr Composite |
| 00620 (ML-1) RF-B Nitrogen Nitrate Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/quarter | 24 hr Composite |
| 00600 (ML-1) RF-D Nitrogen, Total (as N) Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | Rpt Only Avg. Monthly | Rpt Only Max. Daily | Lbs/Day | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/year | 24 hr Composite |

* CEL = Compliance Evaluation Level

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|-------------------------------------|--|--|--|
| Name of Principal Executive Officer | I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of a fine and imprisonment for knowing violations. | Date Completed | |
| Title of Officer | | Signature of Principal Executive Officer or Authorized Agent | |
| | | | |

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Permit Limits

FACILITY NAME: WASHINGTON WORKS) THE CHEMOURS COMPANY FC, LLC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: WASHINGTON; Wood County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0001279 005

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

| Parameter | | Quantity | | | | Other Units | | | | | Measurement Frequency | Sample Type |
|--|---------------|--------------------------|------------------------|---------|------|-------------|--------------------------|------------------------|-------|------|-----------------------|--------------------|
| | | | | Units | N.E. | | | CEL* | Units | N.E. | | |
| 00665 (ML-1) RF-D Phosphorus, Total Year Round | Reported | | | Lbs/Day | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | 1/year | 24 hr Composite |
| | Permit Limits | Rpt Only Avg. Monthly | Rpt Only Max. Daily | | | | | | | | | |
| 50060 (ML-1) RF-A Chlorine, Total Residual Year Round | Reported | | | | | N/A | 0.028 Avg. Monthly | 0.057 Max. Daily | 0.1 | mg/l | 1/week | Grab |
| | Permit Limits | N/A | N/A | | | | | | | | | |
| 01119 (ML-1) RF-B Copper, Total Recoverable Year Round | Reported | | | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | 1/quarter | 24 hr Composite |
| | Permit Limits | N/A | N/A | | | | | | | | | |
| 01114 (ML-1) RF-B Lead, Total Recoverable Year Round | Reported | | | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | 1/quarter | 24 hr Composite |
| | Permit Limits | N/A | N/A | | | | | | | | | |
| 01094 (ML-1) RF-B Zinc, Total Recoverable Year Round | Reported | | | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | 1/quarter | 24 hr Composite |
| | Permit Limits | N/A | N/A | | | | | | | | | |
| 71900 (ML-1) RF-B Mercury, Total (as Hg) Year Round | Reported | | | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | ug/l | 1/quarter | Grab |
| | Permit Limits | N/A | N/A | | | | | | | | | |

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|-------------------------------------|--|--|--|
| Name of Principal Executive Officer | I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of a fine and imprisonment for knowing violations. | Date Completed | |
| Title of Officer | | Signature of Principal Executive Officer or Authorized Agent | |

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Permit Limits

FACILITY NAME: (WASHINGTON WORKS) THE CHEMOURS COMPANY FC, LLC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: WASHINGTON; Wood County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0001279 005

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

| Parameter | | Quantity | | | | Other Units | | | | | | Measurement Frequency | Sample Type |
|---|---------------|---------------------|-------------------|---------|------|-------------|--------------------------|------------------------|------|-------|------|-----------------------|--------------------|
| | | | | Units | N.E. | | | | CEL* | Units | N.E. | | |
| 01104 (ML-1) RF-B Aluminum, Total Recoverable Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/quarter | 24 hr Composite |
| 00980 (ML-1) RF-B Iron, Total Recoverable Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/quarter | 24 hr Composite |
| 61426 (ML-1) RF-B Chronic Tox-Ceriodaphnia Dubia Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | TUc | | 1/quarter | 24 hr Composite |
| 61428 (ML-1) RF-B Chronic Toxicity - Pimephales Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | TUc | | 1/quarter | 24 hr Composite |
| 34423 (ML-1) RF-B Methylene Chloride Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | 1.7 Avg. Monthly | 6.7 Max. Daily | Lbs/Day | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | ug/l | | 1/quarter | Grab |
| 39180 (ML-1) RF-B Trichloroethylene Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | 1.1 Avg. Monthly | 3 Max. Daily | Lbs/Day | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | ug/l | | 1/quarter | Grab |

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|---|--|--|--|
| Name of Principal Executive Officer | I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of a fine and imprisonment for knowing violations. | Date Completed | |
| | | Signature of Principal Executive Officer or Authorized Agent | |
| Title of Officer | | | |

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Permit Limits

FACILITY NAME: (WASHINGTON WORKS) THE CHEMOURS COMPANY FC, LLC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: WASHINGTON; Wood County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0001279 005

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

| Parameter | | Quantity | | | | Other Units | | | | | Measurement Frequency | Sample Type | | |
|--|---------------|----------------------|--------------------|---------|------|-------------|--------------------------|------------------------|------|-------|-----------------------|-------------|-----------|--------------------|
| | | | | Units | N.E. | | | | CEL* | Units | | | N.E. | |
| 34418 (ML-1) RF-B Methyl Chloride Year Round | Reported | | | Lbs/Day | | | | | N/A | ug/l | | | 1/quarter | Grab |
| | Permit Limits | 4.8 Avg. Monthly | 12.2 Max. Daily | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | | | | | | |
| 79531 (ML-1) RF-B 3,4 Benzofluoranthene Year Round | Reported | | | Lbs/Day | | | | | N/A | ug/l | | | 1/quarter | 24 hr Composite |
| | Permit Limits | 0.97 Avg. Monthly | 2.4 Max. Daily | | | N/A | 0.1 Avg. Monthly | 0.15 Max. Daily | | | | | | |
| 00981 (ML-1) RF-B Selenium, Total Recoverable Year Round | Reported | | | | | | | | N/A | mg/l | | | 1/quarter | 24 hr Composite |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | | | | | | |
| 00978 (ML-1) RF-B Arsenic, Total Recoverable Year Round | Reported | | | | | | | | N/A | mg/l | | | 1/quarter | 24 hr Composite |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | | | | | | |
| 34010 (ML-1) RF-B Toluene Year Round | Reported | | | Lbs/Day | | | | | N/A | ug/l | | | 1/quarter | Grab |
| | Permit Limits | 1.3 Avg. Monthly | 3.5 Max. Daily | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | | | | | | |
| 01097 (ML-1) RF-B Antimony, Total (as Sb) Year Round | Reported | | | | | | | | N/A | mg/l | | | 1/quarter | 24 hr Composite |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | | | | | | |

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| Name of Principal Executive Officer | I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of a fine and imprisonment for knowing violations. | Date Completed | |
| Title of Officer | | Signature of Principal Executive Officer or Authorized Agent | |
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STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Permit Limits

FACILITY NAME: (WASHINGTON WORKS) THE CHEMOURS COMPANY FC, LLC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: WASHINGTON; Wood County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0001279005

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

| Parameter | | Quantity | | | | Other Units | | | | | | Measurement Frequency | Sample Type |
|---|---------------|--------------------------|------------------------|---------|------|-------------|--------------------------|------------------------|------|-------|------|-----------------------|--------------------|
| | | | | Units | N.E. | | | | CEL* | Units | N.E. | | |
| 32730 (ML-1) RF-B Phenolics, Total Recoverable Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/quarter | 24 hr Composite |
| 00011 (ML-7) RF-A Temperature, F Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | DEG F | | 1/month | Insitu |
| 00011 (ML-1) RF-A Temperature, F Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | DEG.F | | 1/month | Insitu |
| 00680 (ML-1) RF-A Total Organic Carbon Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | Rpt Only Avg. Monthly | Rpt Only Max. Daily | Lbs/Day | | N/A | 6.5 Avg. Monthly | 9.1 Max. Daily | N/A | mg/l | | 1/month | 24 hr Composite |
| 32106 (ML-1) RF-A Chloroform Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | 3.9 Avg. Monthly | 11.1 Max. Daily | Lbs/Day | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | ug/l | | 1/month | Grab |
| 01059 (ML-1) RF-B Thallium, Total (as Tl) Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/quarter | 24 hr Composite |

* CEL = Compliance Evaluation Level

| | | | |
|-------------------------------------|--|---|--|
| Name of Principal Executive Officer | I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of a fine and imprisonment for knowing violations. | Date Completed | |
| Title of Officer | | Signature of Principal Executive Officer or Authorized Agent <div style="border: 1px solid black; height: 40px; width: 100%;"></div> | |

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Permit Limits

FACILITY NAME: WASHINGTON WORKS) THE CHEMOURS COMPANY FC. LLC
 LOCATION OF FACILITY: WASHINGTON; Wood County
 PERMIT NO.: WV0001279 005
 WASTELOAD FOR THE MONTH OF: _____

CERTIFIED LABORATORY NAME: _____
 CERTIFIED LABORATORY ADDRESS: _____
 INDIVIDUAL PERFORMING ANALYSIS: _____

| Parameter | | Quantity | | | | Other Units | | | | | | Measurement Frequency | Sample Type | |
|---|---------------|--------------------------|------------------------|---------|------|-------------|---------------------|-------------------|------|-------|------|-----------------------|-------------|-----------------|
| | | | | Units | N.E. | | | | CEL* | Units | N.E. | | | |
| 51065 (ML-1) RF-A | Reported | | | Lbs/Day | | | | | N/A | ug/l | | | 1/week | 24 hr Composite |
| PFOA Year Round Interim: 9/1/2018 to 8/31/2021 | Permit Limits | Rpt Only Avg. Monthly | Rpt Only Max. Daily | | | N/A | 2 Avg. Monthly | 2 Max. Daily | | | | | | |
| 51065 (ML-1) RF-A | Reported | | | Lbs/Day | | | | | N/A | ug/l | | | 1/week | 24 hr Composite |
| PFOA Year Round | Permit Limits | Rpt Only Avg. Monthly | Rpt Only Max. Daily | | | N/A | 0.3 Avg. Monthly | 0.7 Max. Daily | | | | | | |
| 51715 (ML-1) RF-A | Reported | | | Lbs/Day | | | | | N/A | ug/l | | | 1/week | 24 hr Composite |
| HFPO Dimer Acid Year Round Interim: 9/1/2018 to 8/31/2021 | Permit Limits | Rpt Only Avg. Monthly | Rpt Only Max. Daily | | | N/A | 15 Avg. Monthly | 43 Max. Daily | | | | | | |
| 51715 (ML-1) RF-A | Reported | | | Lbs/Day | | | | | N/A | ug/l | | | 1/week | 24 hr Composite |
| HFPO Dimer Acid Year Round | Permit Limits | Rpt Only Avg. Monthly | Rpt Only Max. Daily | | | N/A | 1.1 Avg. Monthly | 2.3 Max. Daily | | | | | | |

* CEL = Compliance Evaluation Level

| | | | |
|-------------------------------------|--|---|--|
| Name of Principal Executive Officer | I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of a fine and imprisonment for knowing violations. | Date Completed | |
| Title of Officer | | Signature of Principal Executive Officer or Authorized Agent <div style="border: 1px solid black; height: 40px; width: 100%;"></div> | |
| | | | |

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Permit Limits

FACILITY NAME: (WASHINGTON WORKS) THE CHEMOURS COMPANY FC, LLC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: WASHINGTON; Wood County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0001279006

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

| Parameter | | Quantity | | | | Other Units | | | | | | Measurement Frequency | Sample Type |
|---|---------------|--------------------------|------------------------|---------|------|-----------------|--------------------------|------------------------|------|-------|------|-----------------------|--------------------|
| | | | | Units | N.E. | | | | CEL* | Units | N.E. | | |
| 50050 (ML-1) RF-A Flow, in Conduit or thru plant Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | N/A | Rpt Only Max. Daily | N/A | mgd | | 1/month | Estimated |
| 00530 (ML-1) RF-A Total Suspended Solids Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | Rpt Only Avg. Monthly | Rpt Only Max. Daily | Lbs/Day | | N/A | 118 Avg. Monthly | 189 Max. Daily | N/A | mg/l | | 1/month | 24 hr Composite |
| 00400 (ML-1) RF-A pH Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | 6 Inst. Min. | N/A | 9 Inst. Max. | N/A | S.U. | | 1/month | Grab |
| 50080 (ML-1) RF-A Chlorine, Total Residual Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | 0.028 Avg. Monthly | 0.057 Max. Daily | 0.1 | mg/l | | 1/month | Grab |
| 01119 (ML-1) RF-B Copper, Total Recoverable Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/quarter | 24 hr Composite |
| 01114 (ML-1) RF-B Lead, Total Recoverable Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/quarter | 24 hr Composite |

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| | | | |
|-------------------------------------|--|--|--|
| Name of Principal Executive Officer | I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of a fine and imprisonment for knowing violations. | Date Completed | |
| Title of Officer | | Signature of Principal Executive Officer or Authorized Agent | |
| | | | |

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Permit Limits

FACILITY NAME: WASHINGTON WORKS) THE CHEMOURS COMPANY FC. LLC
 LOCATION OF FACILITY: WASHINGTON; Wood County
 PERMIT NO.: WV0001279 006
 WASTELOAD FOR THE MONTH OF: _____

CERTIFIED LABORATORY NAME: _____
 CERTIFIED LABORATORY ADDRESS: _____
 INDIVIDUAL PERFORMING ANALYSIS: _____

| Parameter | | Quantity | | | | Other Units | | | | | | Measurement Frequency | Sample Type |
|---|---------------|----------|-----|-------|------|-------------|--------------------------|------------------------|------|-------|------|-----------------------|--------------------|
| | | | | Units | N.E. | | | | CEL* | Units | N.E. | | |
| 01094 (ML-1) RF-B Zinc, Total Recoverable Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/quarter | 24 hr Composite |
| 71900 (ML-1) RF-B Mercury, Total (as Hg) Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | ug/l | | 1/quarter | Grab |
| 00981 (ML-1) RF-B Selenium, Total Recoverable Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/quarter | 24 hr Composite |
| 00978 (ML-1) RF-B Arsenic, Total Recoverable Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/quarter | 24 hr Composite |
| 01097 (ML-1) RF-B Antimony, Total (as Sb) Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/quarter | 24 hr Composite |
| 32730 (ML-1) RF-B Phenolics, Total Recoverable Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/quarter | 24 hr Composite |

* CEL = Compliance Evaluation Level

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|-------------------------------------|--|--|--|
| Name of Principal Executive Officer | I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of a fine and imprisonment for knowing violations. | Date Completed | |
| Title of Officer | | Signature of Principal Executive Officer or Authorized Agent | |

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Permit Limits

FACILITY NAME: (WASHINGTON WORKS) THE CHEMOURS COMPANY FC, LLC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: WASHINGTON; Wood County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0001279006

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

| Parameter | | Quantity | | | | Other Units | | | | | | Measurement Frequency | Sample Type |
|--|---------------|--------------------------|------------------------|---------|------|-------------|--------------------------|------------------------|------|--------|------|-----------------------|--------------------|
| | | | | Units | N.E. | | | | CEL* | Units | N.E. | | |
| 00011 (ML-1) RF-A Temperature, F Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | DEG. F | | 1/month | Insitu |
| 00011 (ML-7) RF-A Temperature, F Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | DEG. F | | 1/month | Insitu |
| 00680 (ML-1) RF-B Total Organic Carbon Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/quarter | 24 hr Composite |
| 81020 (ML-1) RF-B Sulfate Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/quarter | 24 hr Composite |
| 01059 (ML-1) RF-B Thallium, Total (as Tl) Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/quarter | 24 hr Composite |
| 51065 (ML-1) RF-A PFOA Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | Rpt Only Avg. Monthly | Rpt Only Max. Daily | Lbs/Day | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | ug/l | | 1/month | 24 hr Composite |

* CEL = Compliance Evaluation Level

| | | |
|---|--|--|
| Name of Principal Executive Officer | certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of a fine and imprisonment for knowing violations. | Date Completed <input type="text"/> |
| Title of Officer | | Signature of Principal Executive Officer or Authorized Agent <input type="text"/> |

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Permit Limits

FACILITY NAME: (WASHINGTON WORKS) THE CHEMOURS COMPANY FC, LLC
 LOCATION OF FACILITY: WASHINGTON; Wood County
 PERMIT NO.: WV0001279 006
 WASTELOAD FOR THE MONTH OF: _____

CERTIFIED LABORATORY NAME: _____
 CERTIFIED LABORATORY ADDRESS: _____
 INDIVIDUAL PERFORMING ANALYSIS: _____

| Parameter | | Quantity | | | | Other Units | | | | | | Measurement Frequency | Sample Type |
|--|---------------|--------------------------|------------------------|---------|------|-------------|--------------------------|------------------------|------|-------|------|-----------------------|--------------------|
| | | | | Units | N.E. | | | | CEL* | Units | N.E. | | |
| 51715 (ML-1) RF-A HFPO Dimer Acid Year Round Interim: 9/1/2018 to 8/31/2021 | Reported | | | Lbs/Day | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | ug/l | | 1/month | 24 hr Composite |
| | Permit Limits | Rpt Only Avg. Monthly | Rpt Only Max. Daily | | | | | | | | | | |
| 51715 (ML-1) RF-A HFPO Dimer Acid Year Round | Reported | | | Lbs/Day | | N/A | 0.014 Avg. Monthly | 0.204 Max. Daily | N/A | ug/l | | 1/month | 24 hr Composite |
| | Permit Limits | Rpt Only Avg. Monthly | Rpt Only Max. Daily | | | | | | | | | | |

* CEL = Compliance Evaluation Level

| | | | |
|-------------------------------------|--|--|--|
| Name of Principal Executive Officer | I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of a fine and imprisonment for knowing violations. | Date Completed | |
| Title of Officer | | Signature of Principal Executive Officer or Authorized Agent | |

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Permit Limits

FACILITY NAME: (WASHINGTON WORKS) THE CHEMOURS COMPANY FC, LLC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: WASHINGTON; Wood County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0001279007

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

| Parameter | | Quantity | | | | Other Units | | | | | | Measurement Frequency | Sample Type |
|---|---------------|--------------------------|------------------------|---------|------|---------------|----------------------------|------------------------|------|-----------|------|-----------------------|--------------------|
| | | | | Units | N.E. | | | | CEL* | Units | N.E. | | |
| 50050 (ML-1) RF-A Flow, in Conduit or thru plant Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mgd | | 1/month | Estimated |
| 00530 (ML-1) RF-A Total Suspended Solids Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | Rpt Only Avg. Monthly | Rpt Only Max. Daily | Lbs/Day | | N/A | 165 Avg. Monthly | 256 Max. Daily | N/A | mg/l | | 1/month | 24 hr Composite |
| 74055 (ML-1) RF-B Coliform, Fecal Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Mon. Geo. Mean | Rpt Only Max. Daily | N/A | Cnts/100m | | 1/quarter | Grab |
| 00400 (ML-1) RF-A pH Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | 6 Inst Min | N/A | 9 Max Daily | N/A | S.U. | | 1/month | Grab |
| 00610 (ML-1) RF-B Ammonia Nitrogen Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/quarter | 24 hr Composite |
| 50060 (ML-1) RF-A Chlorine, Total Residual Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | 0.028 Avg. Monthly | 0.057 Max. Daily | 0.1 | mg/l | | 1/month | Grab |

* CEL = Compliance Evaluation Level

| | | |
|-------------------------------------|--|--|
| Name of Principal Executive Officer | I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of a fine and imprisonment for knowing violations. | Date Completed |
| Title of Officer | | Signature of Principal Executive Officer or Authorized Agent |
| | | |

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Permit Limits

FACILITY NAME: WASHINGTON WORKS THE CHEMOURS COMPANY FC. LLC
 LOCATION OF FACILITY: WASHINGTON, Wood County
 PERMIT NO.: WV0001279 007
 WASTELOAD FOR THE MONTH OF: _____

CERTIFIED LABORATORY NAME: _____
 CERTIFIED LABORATORY ADDRESS: _____
 INDIVIDUAL PERFORMING ANALYSIS: _____

| Parameter | | Quantity | | | | Other Units | | | | | | Measurement Frequency | Sample Type |
|--|---------------|----------|-----|-------|------|-------------|--------------------------|------------------------|------|-------|------|-----------------------|--------------------|
| | | | | Units | N.E. | | | | CEL* | Units | N.E. | | |
| 01114 (ML-1) RF-B Lead, Total Recoverable Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/quarter | 24 hr Composite |
| 01094 (ML-1) RF-B Zinc, Total Recoverable Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/quarter | 24 hr Composite |
| 71900 (ML-1) RF-B Mercury, Total (as Hg) Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | ug/l | | 1/quarter | Grab |
| 01104 (ML-1) RF-B Aluminum, Total Recoverable Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/quarter | 24 hr Composite |
| 00980 (ML-1) RF-B Iron, Total Recoverable Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/quarter | 24 hr Composite |
| 00981 (ML-1) RF-B Selenium, Total Recoverable Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/quarter | 24 hr Composite |

* CEL = Compliance Evaluation Level

| | | | |
|-------------------------------------|--|--|--|
| Name of Principal Executive Officer | I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of a fine and imprisonment for knowing violations. | Date Completed | |
| Title of Officer | | Signature of Principal Executive Officer or Authorized Agent | |

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Permit Limits

FACILITY NAME: (WASHINGTON WORKS) THE CHEMOURS COMPANY FC, LLC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: WASHINGTON; Wood County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0001279 007

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

| Parameter | | Quantity | | | | Other Units | | | | | | Measurement Frequency | Sample Type |
|---|---------------|----------|-----|-------|------|-------------|--------------------------|------------------------|------|-------|------|-----------------------|--------------------|
| | | | | Units | N.E. | | | | CEL* | Units | N.E. | | |
| 00978 (ML-1) RF-B Arsenic, Total Recoverable Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/quarter | 24 hr Composite |
| 01097 (ML-1) RF-B Antimony, Total (as Sb) Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/quarter | 24 hr Composite |
| 38677 (ML-1) RF-B Bromomethane Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/quarter | Grab |
| 32104 (ML-1) RF-B Bromoform Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/quarter | Grab |
| 32730 (ML-1) RF-B Phenolics, Total Recoverable Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/quarter | 24 hr Composite |
| 00011 (ML-7) RF-A Temperature, F Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | DEG F | | 1/month | Insitu |

* CEL = Compliance Evaluation Level

| | | | |
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| Name of Principal Executive Officer | I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of a fine and imprisonment for knowing violations. | Date Completed | |
| Title of Officer | | Signature of Principal Executive Officer or Authorized Agent | |

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Permit Limits

FACILITY NAME: WASHINGTON WORKS) THE CHEMOURS COMPANY FC, LLC
 LOCATION OF FACILITY: WASHINGTON; Wood County
 PERMIT NO.: WV0001279 007
 WASTELOAD FOR THE MONTH OF: _____

CERTIFIED LABORATORY NAME: _____
 CERTIFIED LABORATORY ADDRESS: _____
 INDIVIDUAL PERFORMING ANALYSIS: _____

| Parameter | | Quantity | | | | Other Units | | | | | | Measurement Frequency | Sample Type |
|---|---------------|----------|-----|-------|-----|-------------|--------------------------|------------------------|------|-------|------|-----------------------|-------------|
| | | | | Units | N.E | | | | CEL* | Units | N.E. | | |
| 00011 (ML-1) RF-A Temperature, F January 1-31 | Reported | | | | | | | | N/A | DEG.F | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | | | | 1/month | Insitu |
| 00011 (ML-1) RF-A Temperature, F February 1-28 | Reported | | | | | | | | N/A | DEG.F | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | | | | 1/month | Insitu |
| 00011 (ML-1) RF-A Temperature, F March 1-31 | Reported | | | | | | | | N/A | DEG.F | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | | | | 1/month | Insitu |
| 00011 (ML-1) RF-A Temperature, F April 1-30 | Reported | | | | | | | | N/A | DEG.F | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | | | | 1/month | Insitu |
| 00011 (ML-1) RF-A Temperature, F May 1-31 Interim: 9/1/2018 to 8/31/2021 | Reported | | | | | | | | N/A | DEG.F | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | | | | 1/month | Insitu |
| 00011 (ML-1) RF-A Temperature, F May 1-31 | Reported | | | | | | | | N/A | DEG.F | | | |
| | Permit Limits | N/A | N/A | | | N/A | 78 Avg. Monthly | 90 Max. Daily | | | | 1/month | Insitu |

* CEL = Compliance Evaluation Level

| | | |
|-------------------------------------|--|--|
| Name of Principal Executive Officer | I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of a fine and imprisonment for knowing violations. | Date Completed |
| Title of Officer | | Signature of Principal Executive Officer or Authorized Agent |

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Permit Limits

FACILITY NAME: WASHINGTON WORKS THE CHEMOURS COMPANY FC, LLC
 LOCATION OF FACILITY: WASHINGTON; Wood County
 PERMIT NO.: WV0001279 007
 WASTELOAD FOR THE MONTH OF: _____

CERTIFIED LABORATORY NAME: _____
 CERTIFIED LABORATORY ADDRESS: _____
 INDIVIDUAL PERFORMING ANALYSIS: _____

| Parameter | | Quantity | | | | Other Units | | | | | | Measurement Frequency | Sample Type |
|---|---------------|----------|-----|-------|------|-------------|--------------------------|------------------------|------|-------|------|-----------------------|-------------|
| | | | | Units | N.E. | | | | CEL* | Units | N.E. | | |
| 00011 (ML-1) RF-A Temperature, F June 1-30 | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | 97 Avg. Monthly | 110 Max. Daily | N/A | DEG.F | | 1/month | Insitu |
| 00011 (ML-1) RF-A Temperature, F July 1-31 | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | 101 Avg. Monthly | 110 Max. Daily | N/A | DEG.F | | 1/month | Insitu |
| 00011 (ML-1) RF-A Temperature, F August 1-31 | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | 98 Avg. Monthly | 110 Max. Daily | N/A | DEG.F | | 1/month | Insitu |
| 00011 (ML-1) RF-A Temperature, F September 1-30 | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | 94 Avg. Monthly | 109 Max. Daily | N/A | DEG.F | | 1/month | Insitu |
| 00011 (ML-1) RF-A Temperature, F October 1-31 Interim: 9/1/2018 to 8/31/2021 | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | DEG.F | | 1/month | Insitu |
| 00011 (ML-1) RF-A Temperature, F October 1-31 | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | 81 Avg. Monthly | 93 Max. Daily | N/A | DEG.F | | 1/month | Insitu |

* CEL = Compliance Evaluation Level

| | | | |
|-------------------------------------|--|--|--|
| Name of Principal Executive Officer | I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of a fine and imprisonment for knowing violations. | Date Completed | |
| Title of Officer | | Signature of Principal Executive Officer or Authorized Agent | |

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Permit Limits

FACILITY NAME: (WASHINGTON WORKS) THE CHEMOURS COMPANY EC, LLC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: WASHINGTON; Wood County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0001279007

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

| Parameter | | Quantity | | | | Other Units | | | | | | Measurement Frequency | Sample Type |
|--|---------------|--------------------------|------------------------|---------|------|-------------|--------------------------|------------------------|------|-------|------|-----------------------|--------------------|
| | | | | Units | N.E. | | | | CEL* | Units | N.E. | | |
| 00011 (ML-1) RF-A Temperature, F November 1-30 | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | DEG.F | | 1/month | Insitu |
| 00011 (ML-1) RF-A Temperature, F December 1-31 | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | DEG.F | | 1/month | Insitu |
| 00680 (ML-1) RF-A Total Organic Carbon Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | 5.2 Avg. Monthly | 6.9 Max. Daily | N/A | mg/l | | 1/month | 24 hr Composite |
| 81020 (ML-1) RF-B Sulfate Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/quarter | 24 hr Composite |
| 01059 (ML-1) RF-B Thallium, Total (as Tl) Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/quarter | 24 hr Composite |
| 51065 (ML-1) RF-A PFOA Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | Rpt Only Avg. Monthly | Rpt Only Max. Daily | Lbs/Day | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/month | 24 hr Composite |

* CEL = Compliance Evaluation Level

| | | | |
|-------------------------------------|--|---|--|
| Name of Principal Executive Officer | I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of a fine and imprisonment for knowing violations. | Date Completed | |
| Title of Officer | | Signature of Principal Executive Officer or Authorized Agent <div style="border: 1px solid black; height: 40px; width: 100%;"></div> | |

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Permit Limits

FACILITY NAME: (WASHINGTON WORKS) THE CHEMOURS COMPANY FC, LLC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: WASHINGTON; Wood County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0001279 007

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

| Parameter | | Quantity | | | | Other Units | | | | | Measurement Frequency | Sample Type | |
|--|---------------|--------------------------|------------------------|---------|------|-------------|--------------------------|------------------------|------|-------|-----------------------|-------------|--------------------|
| | | | | Units | N.E. | | | | CEL* | Units | | | N.E. |
| 51715 (ML-1) RF-A HFPO Dimer Acid Year Round | Reported | | | Lbs/Day | | | | | N/A | mg/l | | 1/month | 24 hr Composite |
| | Permit Limits | Rpt Only Avg. Monthly | Rpt Only Max. Daily | | | | Rpt Only Avg. Monthly | Rpt Only Max. Daily | | | | | |

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| | | | |
|-------------------------------------|--|---|--|
| Name of Principal Executive Officer | I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of a fine and imprisonment for knowing violations. | Date Completed | |
| Title of Officer | | Signature of Principal Executive Officer or Authorized Agent <div style="border: 1px solid black; height: 40px; width: 100%;"></div> | |

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Permit Limits

FACILITY NAME: (WASHINGTON WORKS) THE CHEMOURS COMPANY FC, LLC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: WASHINGTON; Wood County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0001279011

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

| Parameter | | Quantity | | | | Other Units | | | | | | Measurement Frequency | Sample Type |
|--|---------------|----------|-----|-------|------|------------------------|--------------------------|------------------------|------|-------|------|-----------------------|-------------|
| | | | | Units | N.E. | | | | CEL* | Units | N.E. | | |
| 50050 (ML-1) RF-B Flow in Conduit or thru plant Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mgd | | 1/quarter | Estimated |
| 00530 (ML-1) RF-B Total Suspended Solids Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/quarter | Grab |
| 00400 (ML-1) RF-B pH Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | Rpt Only Inst. Min. | N/A | Rpt Only Inst. Max. | N/A | S.U. | | 1/quarter | Grab |
| 00610 (ML-1) RF-B Ammonia Nitrogen Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/quarter | Grab |
| 01104 (ML-1) RF-B Aluminum, Total Recoverable Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/quarter | Grab |
| 00980 (ML-1) RF-B Iron, Total Recoverable Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/quarter | Grab |

* CEL = Compliance Evaluation Level

| | | | |
|-------------------------------------|--|--|--|
| Name of Principal Executive Officer | I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of a fine and imprisonment for knowing violations. | Date Completed | |
| Title of Officer | | Signature of Principal Executive Officer or Authorized Agent | |

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Permit Limits

FACILITY NAME: (WASHINGTON WORKS) THE CHEMOURS COMPANY FC. LLC
 LOCATION OF FACILITY: WASHINGTON; Wood County
 PERMIT NO.: WV0001279 011
 WASTELOAD FOR THE MONTH OF: _____

CERTIFIED LABORATORY NAME: _____
 CERTIFIED LABORATORY ADDRESS: _____
 INDIVIDUAL PERFORMING ANALYSIS: _____

| Parameter | | Quantity | | | | Other Units | | | | | | Measurement Frequency | Sample Type |
|--|---------------|----------|-----|-------|------|-------------|--------------------------|------------------------|------|-------|------|-----------------------|-------------|
| | | | | Units | N.E. | | | | CEL* | Units | N.E. | | |
| 81017 (ML-1) RF-B Chem. Oxygen Demand Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/quarter | Grab |
| 51065 (ML-1) RF-B PFOA Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | ug/l | | 1/quarter | Grab |
| 51715 (ML-1) RF-B HFPO Dimer Acid Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | ug/l | | 1/quarter | Grab |

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|-------------------------------------|--|--|--|
| Name of Principal Executive Officer | I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of a fine and imprisonment for knowing violations. | Date Completed | |
| Title of Officer | | Signature of Principal Executive Officer or Authorized Agent | |
| | | | |

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Permit Limits

FACILITY NAME: (WASHINGTON WORKS) THE CHEMOURS COMPANY FC, LLC
 LOCATION OF FACILITY: WASHINGTON; Wood County
 PERMIT NO.: WV0001279 016
 WASTELOAD FOR THE MONTH OF: _____

CERTIFIED LABORATORY NAME: _____
 CERTIFIED LABORATORY ADDRESS: _____
 INDIVIDUAL PERFORMING ANALYSIS: _____

| Parameter | | Quantity | | | | Other Units | | | | | | Measurement Frequency | Sample Type |
|--|---------------|----------|-----|-------|------|------------------------|--------------------------|------------------------|------|-------|------|-----------------------|-------------|
| | | | | Units | N.E. | | | | CEL* | Units | N.E. | | |
| 50050 (ML-1) RF-B Flow in Conduit or thru plant Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mgd | | 1/quarter | Estimated |
| 00530 (ML-1) RF-B Total Suspended Solids Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/quarter | Grab |
| 00400 (ML-1) RF-C pH Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | Rpt Only Inst. Min. | N/A | Rpt Only Inst. Max. | N/A | S.U. | | 1/6 months | Grab |
| 00610 (ML-1) RF-C Ammonia Nitrogen Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/6 months | Grab |
| 01104 (ML-1) RF-B Aluminum, Total Recoverable Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/quarter | Grab |
| 00980 (ML-1) RF-B Iron, Total Recoverable Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/quarter | Grab |

* CEL = Compliance Evaluation Level

| | | |
|-------------------------------------|--|--|
| Name of Principal Executive Officer | I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of a fine and imprisonment for knowing violations. | Date Completed |
| Title of Officer | | Signature of Principal Executive Officer or Authorized Agent |
| | | |

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Permit Limits

FACILITY NAME: (WASHINGTON WORKS) THE CHEMOURS COMPANY FC, LLC
 LOCATION OF FACILITY: WASHINGTON; Wood County
 PERMIT NO.: WV0001279 016
 WASTELOAD FOR THE MONTH OF: _____

CERTIFIED LABORATORY NAME: _____
 CERTIFIED LABORATORY ADDRESS: _____
 INDIVIDUAL PERFORMING ANALYSIS: _____

| Parameter | | Quantity | | | | Other Units | | | | | | Measurement Frequency | Sample Type | |
|--|---------------|----------|-----|-------|------|-------------|--------------------------|------------------------|------|-------|------|-----------------------|-------------|------|
| | | | | Units | N.E. | | | | CEL* | Units | N.E. | | | |
| 81017 (ML-1) RF-C Chem. Oxygen Demand Year Round | Reported | | | | | | | | N/A | mg/l | | | 1/6 months | Grab |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | | | | | | |
| 51065 (ML-1) RF-B PFOA Year Round | Reported | | | | | | | | N/A | ug/l | | | 1/quarter | Grab |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | | | | | | |
| 51715 (ML-1) RF-B HFPO Dimer Acid Year Round | Reported | | | | | | | | N/A | ug/l | | | 1/quarter | Grab |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | | | | | | |

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| Name of Principal Executive Officer | I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of a fine and imprisonment for knowing violations. | Date Completed | |
| Title of Officer | | Signature of Principal Executive Officer or Authorized Agent | |
| | | | |

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Permit Limits

FACILITY NAME: (WASHINGTON WORKS) THE CHEMOURS COMPANY FC, LLC
 LOCATION OF FACILITY: WASHINGTON; Wood County
 PERMIT NO.: WV0001279 019
 WASTELOAD FOR THE MONTH OF: _____

CERTIFIED LABORATORY NAME: _____
 CERTIFIED LABORATORY ADDRESS: _____
 INDIVIDUAL PERFORMING ANALYSIS: _____

| Parameter | | Quantity | | | | Other Units | | | | | | Measurement Frequency | Sample Type |
|---|---------------|----------|-----|-------|------|-----------------------|--------------------------|------------------------|------|-------|------|-----------------------|-------------|
| | | | | Units | N.E. | | | | CEL* | Units | N.E. | | |
| 50050 (ML-1) RF-B Flow, in Conduit or thru plant Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mgd | | 1/quarter | Estimated |
| 00530 (ML-1) RF-B Total Suspended Solids Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/quarter | Grab |
| 00400 (ML-1) RF-C pH Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | Rpt Only Inst. Min | N/A | Rpt Only Inst. Max | N/A | S.U. | | 1/6 months | Grab |
| 00610 (ML-1) RF-C Ammonia Nitrogen Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/6 months | Grab |
| 01104 (ML-1) RF-B Aluminum, Total Recoverable Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/quarter | Grab |
| 00980 (ML-1) RF-B Iron, Total Recoverable Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/quarter | Grab |

* CEL = Compliance Evaluation Level

| | | | |
|-------------------------------------|--|---|--|
| Name of Principal Executive Officer | I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of a fine and imprisonment for knowing violations. | Date Completed | |
| Title of Officer | | Signature of Principal Executive Officer or Authorized Agent _____ | |

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Permit Limits

FACILITY NAME: (WASHINGTON WORKS) THE CHEMOURS COMPANY FC, LLC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: WASHINGTON; Wood County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0001279 019

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

| Parameter | | Quantity | | | | Other Units | | | | | | Measurement Frequency | Sample Type |
|---|---------------|----------|-----|-------|------|-------------|--------------------------|------------------------|------|-------|------|-----------------------|-------------|
| | | | | Units | N.E. | | | | CEL* | Units | N.E. | | |
| 81017 (ML-1) RF-C Chem Oxygen Demand Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/6 months | Grab |
| 51065 (ML-1) RF-B PFOA Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | ug/l | | 1/quarter | Grab |
| 51715 (ML-1) RF-B HFPO Dimer Acid Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | ug/l | | 1/quarter | Grab |

* CEL = Compliance Evaluation Level

| | | | |
|-------------------------------------|--|---|--|
| Name of Principal Executive Officer | I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of a fine and imprisonment for knowing violations. | Date Completed | |
| Title of Officer | | Signature of Principal Executive Officer or Authorized Agent _____ | |

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Permit Limits

FACILITY NAME: WASHINGTON WORKS) THE CHEMOURS COMPANY FC, LLC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: WASHINGTON; Wood County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0001279 022

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

| Parameter | | Quantity | | | | Other Units | | | | | Measurement Frequency | Sample Type |
|--|---------------|----------|-----|-------|------|------------------------|--------------------------|------------------------|------|-------|-----------------------|------------------------|
| | | | | Units | N.E. | | | | CEL* | Units | | |
| 50050 (ML-1) RF-B Flow,in Conduit or thru plant Year Round | Reported | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mgd | | 1/quarter Estimated |
| 00530 (ML-1) RF-B Total Suspended Solids Year Round | Reported | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/quarter Grab |
| 00400 (ML-1) RF-C pH Year Round | Reported | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | Rpt Only Inst. Min. | N/A | Rpt Only Inst. Max. | N/A | S.U. | | 1/6 months Grab |
| 00610 (ML-1) RF-C Ammonia Nitrogen Year Round | Reported | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/6 months Grab |
| 01104 (ML-1) RF-B Aluminum, Total Recoverable Year Round | Reported | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/quarter Grab |
| 00980 (ML-1) RF-B Iron, Total Recoverable Year Round | Reported | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/quarter Grab |

* CEL = Compliance Evaluation Level

| | | | |
|-------------------------------------|--|---|--|
| Name of Principal Executive Officer | I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of a fine and imprisonment for knowing violations. | Date Completed | |
| Title of Officer | | Signature of Principal Executive Officer or Authorized Agent <div style="border: 1px solid black; height: 40px; width: 100%;"></div> | |

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Permit Limits

FACILITY NAME: (WASHINGTON WORKS) THE CHEMOURS COMPANY FC, LLC
 LOCATION OF FACILITY: WASHINGTON; Wood County
 PERMIT NO.: WV0001279 022
 WASTELOAD FOR THE MONTH OF: _____

CERTIFIED LABORATORY NAME: _____
 CERTIFIED LABORATORY ADDRESS: _____
 INDIVIDUAL PERFORMING ANALYSIS: _____

| Parameter | | Quantity | | | | Other Units | | | | | | Measurement Frequency | Sample Type |
|--|---------------|----------|-----|-------|------|-------------|--------------------------|------------------------|------|-------|------|-----------------------|-------------|
| | | | | Units | N.E. | | | | CEL* | Units | N.E. | | |
| 81017 (ML-1) RF-C Chem. Oxygen Demand Year Round | Reported | | | | | | | | N/A | mg/l | | 1/6 months | Grab |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | | | | | |
| 51065 (ML-1) RF-B PFOA Year Round | Reported | | | | | | | | N/A | ug/l | | 1/quarter | Grab |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | | | | | |
| 51715 (ML-1) RF-B HFPO Dimer Acid Year Round | Reported | | | | | | | | N/A | ug/l | | 1/quarter | Grab |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | | | | | |

* CEL = Compliance Evaluation Level

| | | |
|---|--|--|
| Name of Principal Executive Officer | I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of a fine and imprisonment for knowing violations. | Date Completed |
| Title of Officer | | Signature of Principal Executive Officer or Authorized Agent <div style="border: 1px solid black; width: 250px; height: 40px; margin-top: 10px;"></div> |

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Permit Limits

FACILITY NAME: (WASHINGTON WORKS) THE CHEMOURS COMPANY FC, LLC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: WASHINGTON; Wood County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0001279 023

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

| Parameter | | Quantity | | | | Other Units | | | | | | Measurement Frequency | Sample Type |
|---|---------------|----------|-----|-------|-----|------------------------|--------------------------|------------------------|------|-------|------|-----------------------|-------------|
| | | | | Units | N.E | | | | CEL* | Units | N.E. | | |
| 50050 (ML-1) RF-B Flow, in Conduit or thru plant Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mgd | | 1/quarter | Estimated |
| 00530 (ML-1) RF-B Total Suspended Solids Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/quarter | Grab |
| 00400 (ML-1) RF-C pH Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | Rpt Only Inst. Min. | N/A | Rpt Only Inst. Max. | N/A | S.U. | | 1/6 months | Grab |
| 00610 (ML-1) RF-C Ammonia Nitrogen Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/6 months | Grab |
| 01104 (ML-1) RF-B Aluminum, Total Recoverable Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/quarter | Grab |
| 00980 (ML-1) RF-B Iron, Total Recoverable Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/quarter | Grab |

* CEL = Compliance Evaluation Level

| | | | |
|-------------------------------------|--|---|--|
| Name of Principal Executive Officer | I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of a fine and imprisonment for knowing violations. | Date Completed | |
| Title of Officer | | Signature of Principal Executive Officer or Authorized Agent <div style="border: 1px solid black; height: 40px; width: 100%;"></div> | |

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Permit Limits

FACILITY NAME: (WASHINGTON WORKS) THE CHEMOURS COMPANY FC, LLC
 LOCATION OF FACILITY: WASHINGTON; Wood County
 PERMIT NO.: WV0001279 023
 WASTELOAD FOR THE MONTH OF: _____

CERTIFIED LABORATORY NAME: _____
 CERTIFIED LABORATORY ADDRESS: _____
 INDIVIDUAL PERFORMING ANALYSIS: _____

| Parameter | | Quantity | | | | Other Units | | | | | | Measurement Frequency | Sample Type |
|--|---------------|----------|-----|-------|------|-------------|--------------------------|------------------------|------|-------|------|-----------------------|-------------|
| | | | | Units | N.E. | | | | CEL* | Units | N.E. | | |
| 81017 (ML-1) RF-C Chem. Oxygen Demand Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/6 months | Grab |
| 51065 (ML-1) RF-B PFOA Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | ug/l | | 1/quarter | Grab |
| 51715 (ML-1) RF-B HFPO Dimer Acid Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | ug/l | | 1/quarter | Grab |

* CEL = Compliance Evaluation Level

| | | | |
|-------------------------------------|--|--|--|
| Name of Principal Executive Officer | I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of a fine and imprisonment for knowing violations. | Date Completed | |
| Title of Officer | | Signature of Principal Executive Officer or Authorized Agent | |
| | | | |

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Permit Limits

FACILITY NAME: WASHINGTON WORKS) THE CHEMOURS COMPANY FC. LLC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: WASHINGTON; Wood County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0001279 025

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

| Parameter | | Quantity | | | | Other Units | | | | | | Measurement Frequency | Sample Type |
|--|---------------|----------|-----|-------|------|------------------------|--------------------------|------------------------|------|-------|------|-----------------------|-------------|
| | | | | Units | N.E. | | | | CEL* | Units | N.E. | | |
| 50050 (ML-1) RF-B Flow in Conduit or thru plant Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mgd | | 1/quarter | Estimated |
| 00530 (ML-1) RF-B Total Suspended Solids Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/quarter | Grab |
| 00400 (ML-1) RF-C pH Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | Rpt Only Inst. Min. | N/A | Rpt Only Inst. Max. | N/A | S.U. | | 1/6 months | Grab |
| 00610 (ML-1) RF-C Ammonia Nitrogen Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/6 months | Grab |
| 01104 (ML-1) RF-B Aluminum, Total Recoverable Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/quarter | Grab |
| 00980 (ML-1) RF-B Iron, Total Recoverable Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/quarter | Grab |

* CEL = Compliance Evaluation Level

| | | | |
|-------------------------------------|--|--|--|
| Name of Principal Executive Officer | I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of a fine and imprisonment for knowing violations. | Date Completed | |
| Title of Officer | | Signature of Principal Executive Officer or Authorized Agent | |
| | | | |

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Permit Limits

FACILITY NAME: (WASHINGTON WORKS) THE CHEMOURS COMPANY FC, LLC
 LOCATION OF FACILITY: WASHINGTON; Wood County
 PERMIT NO.: WV0001279 025
 WASTELOAD FOR THE MONTH OF: _____

CERTIFIED LABORATORY NAME: _____
 CERTIFIED LABORATORY ADDRESS: _____
 INDIVIDUAL PERFORMING ANALYSIS: _____

| Parameter | | Quantity | | | | Other Units | | | | | | Measurement Frequency | Sample Type |
|--|---------------|----------|-----|-------|------|-------------|--------------------------|------------------------|------|-------|------|-----------------------|-------------|
| | | | | Units | N.E. | | | | CEL* | Units | N.E. | | |
| 81017 (ML-1) RF-C Chem. Oxygen Demand Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/6 months | Grab |
| 51065 (ML-1) RF-B PFOA Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | ug/l | | 1/quarter | Grab |
| 51715 (ML-1) RF-B HFPO Dimer Acid Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | ug/l | | 1/quarter | Grab |

* CEL = Compliance Evaluation Level

| | | |
|---|--|--|
| Name of Principal Executive Officer | I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of a fine and imprisonment for knowing violations. | Date Completed <input type="text"/> |
| Title of Officer | | Signature of Principal Executive Officer or Authorized Agent |

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

FACILITY NAME: (WASHINGTON WORKS) THE CHEMOURS COMPANY FC, LLC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: WASHINGTON; Wood County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0001279026

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

| Parameter | | Quantity | | | | Other Units | | | | | | Measurement Frequency | Sample Type |
|--------------------------------|---------------|----------|-----|-------|------|-------------|--------------|------------|------|-------|------|-----------------------|-------------|
| | | | | Units | N.E. | | | | CEL* | Units | N.E. | | |
| 50050 (ML-1) RF-B | Reported | | | | | | | | | | | | |
| Flow, in Conduit or thru plant | Permit Limits | N/A | N/A | | | N/A | Rpt Only | Rpt Only | N/A | mgd | | 1/quarter | Estimated |
| Year Round | | | | | | | Avg. Monthly | Max. Daily | | | | | |
| 00530 (ML-1) RF-B | Reported | | | | | | | | | | | | |
| Total Suspended Solids | Permit Limits | N/A | N/A | | | N/A | Rpt Only | Rpt Only | N/A | mg/l | | 1/quarter | Grab |
| Year Round | | | | | | | Avg. Monthly | Max. Daily | | | | | |
| 00400 (ML-1) RF-C | Reported | | | | | | | | | | | | |
| pH | Permit Limits | N/A | N/A | | | Rpt Only | N/A | Rpt Only | N/A | S.U. | | 1/6 months | Grab |
| Year Round | | | | | | Inst. Min. | | Inst. Max. | | | | | |
| 00610 (ML-1) RF-C | Reported | | | | | | | | | | | | |
| Ammonia Nitrogen | Permit Limits | N/A | N/A | | | N/A | Rpt Only | Rpt Only | N/A | mg/l | | 1/6 months | Grab |
| Year Round | | | | | | | Avg. Monthly | Max. Daily | | | | | |
| 01104 (ML-1) RF-B | Reported | | | | | | | | | | | | |
| Aluminum, Total Recoverable | Permit Limits | N/A | N/A | | | N/A | Rpt Only | Rpt Only | N/A | mg/l | | 1/quarter | Grab |
| Year Round | | | | | | | Avg. Monthly | Max. Daily | | | | | |
| 00980 (ML-1) RF-B | Reported | | | | | | | | | | | | |
| Iron, Total Recoverable | Permit Limits | N/A | N/A | | | N/A | Rpt Only | Rpt Only | N/A | mg/l | | 1/quarter | Grab |
| Year Round | | | | | | | Avg. Monthly | Max. Daily | | | | | |

* CEL = Compliance Evaluation Level

| | | | |
|-------------------------------------|--|--|--|
| Name of Principal Executive Officer | I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of a fine and imprisonment for knowing violations. | Date Completed | |
| Title of Officer | | Signature of Principal Executive Officer or Authorized Agent | |

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Permit Limits

FACILITY NAME: (WASHINGTON WORKS) THE CHEMOURS COMPANY FC, LLC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: WASHINGTON; Wood County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0001279 026

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

| Parameter | | Quantity | | | | Other Units | | | | CEL* | Units | N.E. | Measurement Frequency | Sample Type |
|---|---------------|----------|-----|-------|------|-------------|--------------------------|------------------------|--|------|-------|------|-----------------------|-------------|
| | | | | Units | N.E. | | | | | | | | | |
| 81017 (ML-1) RF-C Chem Oxygen Demand Year Round | Reported | | | | | | | | | N/A | mg/l | | 1/6 months | Grab |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | | | | | | |
| 51065 (ML-1) RF-B PFOA Year Round | Reported | | | | | | | | | N/A | ug/l | | 1/quarter | Grab |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | | | | | | |
| 51715 (ML-1) RF-B HFPO Dimer Acid Year Round | Reported | | | | | | | | | N/A | ug/l | | 1/quarter | Grab |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | | | | | | |

* CEL = Compliance Evaluation Level

| | | | |
|-------------------------------------|--|---|--|
| Name of Principal Executive Officer | I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of a fine and imprisonment for knowing violations. | Date Completed | |
| Title of Officer | | Signature of Principal Executive Officer or Authorized Agent <div style="border: 1px solid black; height: 40px; width: 100%;"></div> | |

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Permit Limits

FACILITY NAME: (WASHINGTON WORKS) THE CHEMOURS COMPANY FC, LLC
 LOCATION OF FACILITY: WASHINGTON; Wood County
 PERMIT NO.: WV0001279 030
 WASTELOAD FOR THE MONTH OF: _____

CERTIFIED LABORATORY NAME: _____
 CERTIFIED LABORATORY ADDRESS: _____
 INDIVIDUAL PERFORMING ANALYSIS: _____

| Parameter | | Quantity | | | | Other Units | | | | | Measurement Frequency | Sample Type |
|---|---------------|----------|-----|-------|------|------------------------|--------------------------|------------------------|-------|------|-----------------------|-------------|
| | | | | Units | N.E. | | | CEL* | Units | N.E. | | |
| 50050 (ML-1) RF-B Flow, In Conduit or thru plant Year Round | Reported | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mgd | 1/quarter | Estimated |
| 00530 (ML-1) RF-B Total Suspended Solids Year Round | Reported | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | 1/quarter | Grab |
| 00400 (ML-1) RF-C pH Year Round | Reported | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | Rpt Only Inst. Min. | N/A | Rpt Only Inst. Max. | N/A | S.U. | 1/6 months | Grab |
| 00610 (ML-1) RF-C Ammonia Nitrogen Year Round | Reported | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | 1/6 months | Grab |
| 01104 (ML-1) RF-B Aluminum, Total Recoverable Year Round | Reported | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | 1/quarter | Grab |
| 00980 (ML-1) RF-B Iron, Total Recoverable Year Round | Reported | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | 1/quarter | Grab |

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| | | |
|-------------------------------------|--|--|
| Name of Principal Executive Officer | I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of a fine and imprisonment for knowing violations. | Date Completed |
| Title of Officer | | Signature of Principal Executive Officer or Authorized Agent |

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Permit Limits

FACILITY NAME: (WASHINGTON WORKS) THE CHEMOURS COMPANY FC, LLC
 LOCATION OF FACILITY: WASHINGTON; Wood County
 PERMIT NO.: WV0001279 030
 WASTELOAD FOR THE MONTH OF: _____

CERTIFIED LABORATORY NAME: _____
 CERTIFIED LABORATORY ADDRESS: _____
 INDIVIDUAL PERFORMING ANALYSIS: _____

| Parameter | | Quantity | | | | Other Units | | | | | | Measurement Frequency | Sample Type |
|--|---------------|----------|-----|-------|------|-------------|--------------------------|------------------------|------|-------|------|-----------------------|-------------|
| | | | | Units | N.E. | | | | CEL* | Units | N.E. | | |
| 81017 (ML-1) RF-C Chem. Oxygen Demand Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/6 months | Grab |
| 51065 (ML-1) RF-B PFOA Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | ug/l | | 1/quarter | Grab |
| 51715 (ML-1) RF-B HFPO Dimer Acid Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | ug/l | | 1/quarter | Grab |

* CEL = Compliance Evaluation Level

| | | | |
|-------------------------------------|--|--|--|
| Name of Principal Executive Officer | I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of a fine and imprisonment for knowing violations. | Date Completed | |
| Title of Officer | | Signature of Principal Executive Officer or Authorized Agent | |

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Permit Limits

FACILITY NAME: WASHINGTON WORKS) THE CHEMOURS COMPANY FC, LLC
 LOCATION OF FACILITY: WASHINGTON; Wood County
 PERMIT NO.: WV0001279 031
 WASTELOAD FOR THE MONTH OF: _____

CERTIFIED LABORATORY NAME: _____
 CERTIFIED LABORATORY ADDRESS: _____
 INDIVIDUAL PERFORMING ANALYSIS: _____

| Parameter | | Quantity | | | | Other Units | | | | | | Measurement Frequency | Sample Type |
|---|---------------|----------|-----|-------|------|-----------------------|--------------------------|------------------------|------|-------|------|-----------------------|-------------|
| | | | | Units | N.E. | | | | CEL* | Units | N.E. | | |
| 50050 (ML-1) RF-B Flow, in Conduit or thru plant Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mgd | | 1/quarter | Estimated |
| 00530 (ML-1) RF-B Total Suspended Solids Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/quarter | Grab |
| 00400 (ML-1) RF-C pH Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | Rpt Only Inst. Min | N/A | Rpt Only Inst. Max | N/A | S.U. | | 1/6 months | Grab |
| 00610 (ML-1) RF-C Ammonia Nitrogen Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/6 months | Grab |
| 01104 (ML-1) RF-B Aluminum, Total Recoverable Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/quarter | Grab |
| 00980 (ML-1) RF-B Iron, Total Recoverable Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/quarter | Grab |

* CEL = Compliance Evaluation Level

| | | |
|-------------------------------------|--|--|
| Name of Principal Executive Officer | certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of a fine and imprisonment for knowing violations. | Date Completed |
| Title of Officer | | Signature of Principal Executive Officer or Authorized Agent |
| | | |

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

FACILITY NAME: (WASHINGTON WORKS) THE CHEMOURS COMPANY FC. LLC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: WASHINGTON; Wood County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0001279031

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

| Parameter | | Quantity | | | | Other Units | | | | | | Measurement Frequency | Sample Type |
|--|---------------|----------|-----|-------|------|-------------|--------------------------|------------------------|------|-------|------|-----------------------|-------------|
| | | | | Units | N.E. | | | | CEL* | Units | N.E. | | |
| 81017 (ML-1) RF-C Chem. Oxygen Demand Year Round | Reported | | | | | | | | N/A | mg/l | | 1/8 months | Grab |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | | | | | |
| 51065 (ML-1) RF-B PFOA Year Round | Reported | | | | | | | | N/A | ug/l | | 1/quarter | Grab |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | | | | | |
| 51715 (ML-1) RF-B HFPO Dimer Acid Year Round | Reported | | | | | | | | N/A | ug/l | | 1/quarter | Grab |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | | | | | |

* CEL = Compliance Evaluation Level

| | | | |
|-------------------------------------|--|---|--|
| Name of Principal Executive Officer | I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of a fine and imprisonment for knowing violations. | Date Completed | |
| Title of Officer | | Signature of Principal Executive Officer or Authorized Agent <div style="border: 1px solid black; height: 40px; width: 100%;"></div> | |

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Permit Limits

FACILITY NAME: (WASHINGTON WORKS) THE CHEMOURS COMPANY FC, LLC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: WASHINGTON; Wood County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0001279 032

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

| Parameter | | Quantity | | | | Other Units | | | | | | Measurement Frequency | Sample Type |
|---|---------------|----------|-----|-------|------|------------------------|--------------------------|------------------------|------|-------|------|-----------------------|-------------|
| | | | | Units | N.E. | | | | CEL* | Units | N.E. | | |
| 50050 (ML-1) RF-B Flow, In Conduit or thru plant Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mgd | | 1/quarter | Estimated |
| 00530 (ML-1) RF-B Total Suspended Solids Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/quarter | Grab |
| 00400 (ML-1) RF-C pH Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | Rpt Only Inst. Min. | N/A | Rpt Only Inst. Max. | N/A | S.U. | | 1/6 months | Grab |
| 00610 (ML-1) RF-C Ammonia Nitrogen Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/6 months | Grab |
| 01104 (ML-1) RF-B Aluminum, Total Recoverable Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/quarter | Grab |
| 00980 (ML-1) RF-B Iron, Total Recoverable Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/quarter | Grab |

* CEL = Compliance Evaluation Level

| | | |
|-------------------------------------|--|--|
| Name of Principal Executive Officer | I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of a fine and imprisonment for knowing violations. | Date Completed |
| Title of Officer | | Signature of Principal Executive Officer or Authorized Agent |

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Permit Limits

FACILITY NAME: (WASHINGTON WORKS) THE CHEMOURS COMPANY FC, LLC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: WASHINGTON; Wood County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0001279 032

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

| Parameter | | Quantity | | | | Other Units | | | | | | Measurement Frequency | Sample Type |
|--|---------------|----------|-----|-------|-----|-------------|--------------------------|------------------------|------|-------|-----|-----------------------|-------------|
| | | | | Units | N E | | | | CEL* | Units | N.E | | |
| 81017 (ML-1) RF-C Chem. Oxygen Demand Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/6 months | Grab |
| 51065 (ML-1) RF-B PFOA Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | ug/l | | 1/quarter | Grab |
| 51715 (ML-1) RF-B HFPO Dimer Acid Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | ug/l | | 1/quarter | Grab |

* CEL = Compliance Evaluation Level

| | | |
|-------------------------------------|--|---|
| Name of Principal Executive Officer | I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of a fine and imprisonment for knowing violations. | Date Completed |
| Title of Officer | | Signature of Principal Executive Officer or Authorized Agent <div style="border: 1px solid black; height: 40px; width: 100%;"></div> |

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Permit Limits

FACILITY NAME: (WASHINGTON WORKS) THE CHEMOURS COMPANY FC, LLC
 LOCATION OF FACILITY: WASHINGTON; Wood County
 PERMIT NO.: WV0001279 033
 WASTELOAD FOR THE MONTH OF: _____

CERTIFIED LABORATORY NAME: _____
 CERTIFIED LABORATORY ADDRESS: _____
 INDIVIDUAL PERFORMING ANALYSIS: _____

| Parameter | | Quantity | | | | Other Units | | | | | | Measurement Frequency | Sample Type |
|--|---------------|----------|-----|-------|------|-----------------------|--------------------------|------------------------|------|-------|------|-----------------------|-------------|
| | | | | Units | N.E. | | | | CEL* | Units | N.E. | | |
| 50050 (ML-1) RF-B Flow in Conduit or thru plant Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mgd | | 1/quarter | Estimated |
| 00530 (ML-1) RF-B Total Suspended Solids Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/quarter | Grab |
| 00400 (ML-1) RF-C pH Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | Rpt Only Inst. Min | N/A | Rpt Only Inst. Max | N/A | S.U. | | 1/6 months | Grab |
| 00610 (ML-1) RF-C Ammonia Nitrogen Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/6 months | Grab |
| 01104 (ML-1) RF-B Aluminum, Total Recoverable Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/quarter | Grab |
| 00980 (ML-1) RF-B Iron, Total Recoverable Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/quarter | Grab |

* CEL = Compliance Evaluation Level

| | | |
|-------------------------------------|--|--|
| Name of Principal Executive Officer | I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of a fine and imprisonment for knowing violations. | Date Completed |
| Title of Officer | | Signature of Principal Executive Officer or Authorized Agent |

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Permit Limits

FACILITY NAME: (WASHINGTON WORKS) THE CHEMOURS COMPANY FC, LLC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: WASHINGTON; Wood County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0001279 033

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

| Parameter | | Quantity | | | | Other Units | | | | | | Measurement Frequency | Sample Type |
|--|---------------|----------|-----|-------|------|-------------|--------------------------|------------------------|------|-------|------|-----------------------|-------------|
| | | | | Units | N.E. | | | | CEL* | Units | N.E. | | |
| 81017 (ML-1) RF-C Chem. Oxygen Demand Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/6 months | Grab |
| 51065 (ML-1) RF-B PFOA Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | ug/l | | 1/quarter | Grab |
| 51715 (ML-1) RF-B HFPO Dimer Acid Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | ug/l | | 1/quarter | Grab |

* CEL = Compliance Evaluation Level

| | | | |
|-------------------------------------|--|--|--|
| Name of Principal Executive Officer | I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of a fine and imprisonment for knowing violations. | Date Completed | |
| Title of Officer | | Signature of Principal Executive Officer or Authorized Agent | |

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Permit Limits

FACILITY NAME: (WASHINGTON WORKS) THE CHEMOURS COMPANY FC, LLC
 LOCATION OF FACILITY: WASHINGTON; Wood County
 PERMIT NO.: WV0001279 034
 WASTELOAD FOR THE MONTH OF: _____

CERTIFIED LABORATORY NAME: _____
 CERTIFIED LABORATORY ADDRESS: _____
 INDIVIDUAL PERFORMING ANALYSIS: _____

| Parameter | | Quantity | | | | Other Units | | | | | | Measurement Frequency | Sample Type |
|---|---------------|----------|-----|-------|------|------------------------|--------------------------|------------------------|------|-------|------|-----------------------|-------------|
| | | | | Units | N.E. | | | | CEL* | Units | N.E. | | |
| 50050 (ML-1) RF-B Flow, in Conduit or thru plant Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mgd | | 1/quarter | Estimated |
| 00530 (ML-1) RF-B Total Suspended Solids Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/quarter | Grab |
| 00400 (ML-1) RF-C pH Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | Rpt Only Inst. Min. | N/A | Rpt Only Inst. Max. | N/A | S.U. | | 1/6 months | Grab |
| 00610 (ML-1) RF-C Ammonia Nitrogen Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/6 months | Grab |
| 01104 (ML-1) RF-B Aluminum, Total Recoverable Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/quarter | Grab |
| 00980 (ML-1) RF-B Iron, Total Recoverable Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/quarter | Grab |

* CEL = Compliance Evaluation Level

| | | | |
|-------------------------------------|--|--|--|
| Name of Principal Executive Officer | I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of a fine and imprisonment for knowing violations. | Date Completed | |
| Title of Officer | | Signature of Principal Executive Officer or Authorized Agent | |
| | | | |

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Permit Limits

FACILITY NAME: (WASHINGTON WORKS) THE CHEMOURS COMPANY FC, LLC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: WASHINGTON; Wood County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0001279034

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

| Parameter | | Quantity | | | | Other Units | | | | | | Measurement Frequency | Sample Type |
|--|---------------|----------|-----|-------|------|-------------|--------------------------|------------------------|------|-------|------|-----------------------|-------------|
| | | | | Units | N.E. | | | | CEL* | Units | N.E. | | |
| 81017 (ML-1) RF-C Chem. Oxygen Demand Year Round | Reported | | | | | | | | N/A | mg/l | | 1/6 months | Grab |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | | | | | |
| 51065 (ML-1) RF-B PFOA Year Round | Reported | | | | | | | | N/A | ug/l | | 1/quarter | Grab |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | | | | | |
| 51715 (ML-1) RF-B HFPO Dimer Acid Year Round | Reported | | | | | | | | N/A | ug/l | | 1/quarter | Grab |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | | | | | |

* CEL = Compliance Evaluation Level

| | | | |
|-------------------------------------|--|---|--|
| Name of Principal Executive Officer | I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of a fine and imprisonment for knowing violations. | Date Completed | |
| Title of Officer | | Signature of Principal Executive Officer or Authorized Agent <div style="border: 1px solid black; height: 40px; width: 100%;"></div> | |

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Permit Limits

FACILITY NAME: WASHINGTON WORKS THE CHEMOURS COMPANY FC, LLC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: WASHINGTON; Wood County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0001279 038

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

| Parameter | | Quantity | | | | Other Units | | | | | | Measurement Frequency | Sample Type |
|--|---------------|----------|-----|-------|------|-----------------------|--------------------------|------------------------|------|-------|------|-----------------------|-------------|
| | | | | Units | N.E. | | | | CEL* | Units | N.E. | | |
| 50050 (ML-1) RF-B Flow in Conduit or thru plant Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mgd | | 1/quarter | Estimated |
| 00530 (ML-1) RF-B Total Suspended Solids Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/quarter | Grab |
| 00400 (ML-1) RF-C pH Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | Rpt Only Inst. Min | N/A | Rpt Only Inst. Max | N/A | S.U. | | 1/6 months | Grab |
| 00610 (ML-1) RF-C Ammonia Nitrogen Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/6 months | Grab |
| 01104 (ML-1) RF-B Aluminum, Total Recoverable Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/quarter | Grab |
| 00980 (ML-1) RF-B Iron, Total Recoverable Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/quarter | Grab |

* CEL = Compliance Evaluation Level

| | | |
|---|--|--|
| Name of Principal Executive Officer | I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of a fine and imprisonment for knowing violations. | Date Completed <input type="text"/> |
| | | Signature of Principal Executive Officer or Authorized Agent |
| Title of Officer | | |

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Permit Limits

FACILITY NAME: (WASHINGTON WORKS) THE CHEMOURS COMPANY FC, LLC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: WASHINGTON; Wood County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0001279 036

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

| Parameter | | Quantity | | | | Other Units | | | | | | Measurement Frequency | Sample Type |
|--|---------------|----------|-----|-------|------|-------------|--------------------------|------------------------|------|-------|------|-----------------------|-------------|
| | | | | Units | N.E. | | | | CEL* | Units | N.E. | | |
| 81017 (ML-1) RF-C Chem. Oxygen Demand Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/6 months | Grab |
| 51065 (ML-1) RF-B PFOA Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | ug/l | | 1/quarter | Grab |
| 51715 (ML-1) RF-B HFPO Dimer Acid Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | ug/l | | 1/quarter | Grab |

* CEL = Compliance Evaluation Level

| | | | |
|-------------------------------------|--|--|--|
| Name of Principal Executive Officer | I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of a fine and imprisonment for knowing violations. | Date Completed | |
| Title of Officer | | Signature of Principal Executive Officer or Authorized Agent | |
| | | | |

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Permit Limits

FACILITY NAME: (WASHINGTON WORKS) THE CHEMOURS COMPANY FC, LLC
 LOCATION OF FACILITY: WASHINGTON; Wood County
 PERMIT NO.: WV0001279 102
 WASTELOAD FOR THE MONTH OF: _____

CERTIFIED LABORATORY NAME: _____
 CERTIFIED LABORATORY ADDRESS: _____
 INDIVIDUAL PERFORMING ANALYSIS: _____

| Parameter | | Quantity | | | | Other Units | | | CEL* | Units | N.E. | Measurement Frequency | Sample Type |
|---|---------------|----------|-----|-------|------|-------------|--------------------------|------------------------|------|-------|------|-----------------------|-------------|
| | | | | Units | N.E. | | | | | | | | |
| 50050 (ML-1) RF-A Flow, In Conduit or thru plant Year Round Interim: 9/1/2018 to 8/31/2019 | Reported | | | | | | | | N/A | mgd | | 1/week | Estimated |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | | | | | |
| 50050 (ML-1) RF-A Flow, In Conduit or thru plant Year Round | Reported | | | | | | | | N/A | mgd | | 1/week | measured |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | | | | | |

* CEL = Compliance Evaluation Level

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|-------------------------------------|--|--|--|
| Name of Principal Executive Officer | I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of a fine and imprisonment for knowing violations. | Date Completed | |
| Title of Officer | | Signature of Principal Executive Officer or Authorized Agent | |
| | | | |

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Permit Limits

FACILITY NAME: (Internal Outlet 103) THE CHEMOURS COMPANY FC, LLC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: WASHINGTON; Wood County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0001279 103

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

| Parameter | | Quantity | | | | Other Units | | | | | | Measurement Frequency | Sample Type |
|--------------------------------|---------------|----------|-----|-------|------|-------------|--------------|------------|------|-------|------|-----------------------|-------------|
| | | | | Units | N.E. | | | | CEL* | Units | N.E. | | |
| 50050 (ML-1) RF-A | Reported | | | | | | | | | | | | |
| Flow, In Conduit or thru plant | Permit Limits | N/A | N/A | | | N/A | Rpt Only | Rpt Only | N/A | mgd | | 1/month | Estimated |
| Year Round | | | | | | | Avg. Monthly | Max. Daily | | | | | |
| Final: 09/01/2019 to 7/29/2023 | | | | | | | | | | | | | |

* CEL = Compliance Evaluation Level

| | | | |
|-------------------------------------|--|--|--|
| Name of Principal Executive Officer | I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of a fine and imprisonment for knowing violations. | Date Completed | |
| | | Signature of Principal Executive Officer or Authorized Agent | |
| Title of Officer | | | |

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Permit Limits

FACILITY NAME: (Internal Outlet 105) THE CHEMOURS COMPANY FC, LLC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: WASHINGTON; Wood County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0001279105

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

| Parameter | | Quantity | | | | Other Units | | | | | | Measurement Frequency | Sample Type |
|---|---------------|---------------------|--------------------|---------|------|-------------|--------------------------|------------------------|------|-------|------|-----------------------|--------------------|
| | | | | Units | N.E. | | | | CEL* | Units | N.E. | | |
| 50050 (ML-1) RF-A Flow, in Conduit or thru plant Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mgd | | Continuous | Recorded |
| 00310 (ML-1) RF-A BOD, 5-Day 20 Deg. C Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | 398 Avg. Monthly | 1061 Max. Daily | Lbs/Day | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/week | 24 hr Composite |
| 00530 (ML-1) RF-A Total Suspended Solids Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | 568 Avg. Monthly | 1841 Max. Daily | Lbs/Day | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/week | 24 hr Composite |
| 01094 (ML-1) RF-B Zinc, Total Recoverable Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | 2 Avg. Monthly | 5 Max. Daily | Lbs/Day | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/quarter | 24 hr Composite |

* CEL = Compliance Evaluation Level

| | | | |
|-------------------------------------|--|--|--|
| Name of Principal Executive Officer | I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of a fine and imprisonment for knowing violations. | Date Completed | |
| Title of Officer | | Signature of Principal Executive Officer or Authorized Agent | |

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Permit Limits

FACILITY NAME: (Internal Outlet 125) THE CHEMOURS COMPANY FC, LLC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: WASHINGTON; Wood County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0001279125

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

| Parameter | | Quantity | | | | Other Units | | | | | Measurement Frequency | Sample Type | |
|---------------------------------|---------------|----------|-----|-------|------|-------------|--------------------------|------------------------|------|-------|-----------------------|-------------|-----------|
| | | | | Units | N.E. | | | | CEL* | Units | | | N.E. |
| 50050 (ML-1) RF-A | Reported | | | | | | | | | | | | |
| Flow,in Conduit or thru plant | | | | | | | | | | | | | |
| Year Round | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mgd | | 1/week | Estimated |
| Interim: 9/1/2018 to 11/30/2018 | | | | | | | | | | | | | |
| 50050 (ML-1) RF-A | Reported | | | | | | | | | | | | |
| Flow,in Conduit or thru plant | | | | | | | | | | | | | |
| Year Round | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mgd | | 1/week | Estimated |
| Final: 01/02/1900 to 7/29/2023 | | | | | | | | | | | | | |

* CEL = Compliance Evaluation Level

| | | | |
|-------------------------------------|--|--|--|
| Name of Principal Executive Officer | I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of a fine and imprisonment for knowing violations. | Date Completed | |
| Title of Officer | | Signature of Principal Executive Officer or Authorized Agent | |

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Permit Limits

FACILITY NAME: (Internal Outlet 202) THE CHEMOURS COMPANY FC, LLC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: WASHINGTON; Wood County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0001279202

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

| Parameter | | Quantity | | | | Other Units | | | | | | Measurement Frequency | Sample Type |
|-------------------------------|---------------|----------|-----|-------|-----|-------------|-----------|----------|------|-------|------|-----------------------|-------------|
| | | | | Units | N E | | | | CEL* | Units | N.E. | | |
| 50050 (ML-1) RF-A | Reported | | | | | | | | | | | | |
| Flow in Conduit or thru plant | Permit Limits | N/A | N/A | | | N/A | Rpt Only | Rpt Only | N/A | mgd | | 1/month | Estimated |
| Year Round | | | | | | Avg Monthly | Max Daily | | | | | | |
| Final 12/01/2018 to 7/29/2023 | | | | | | | | | | | | | |

* CEL = Compliance Evaluation Level

| | | | |
|-------------------------------------|--|--|--|
| Name of Principal Executive Officer | I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of a fine and imprisonment for knowing violations. | Date Completed | |
| Title of Officer | | Signature of Principal Executive Officer or Authorized Agent | |

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

FACILITY NAME: (Internal Outlet 205) THE CHEMOURS COMPANY FC, LLC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: WASHINGTON; Wood County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0001279205

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

| Parameter | | Quantity | | | | Other Units | | | | | | Measurement Frequency | Sample Type | |
|---|---------------|--------------------------|------------------------|---------|------|-------------|--------------------------|------------------------|------|-------|------|-----------------------|-------------|--------------------|
| | | | | Units | N.E. | | | | CEL* | Units | N.E. | | | |
| 50050 (ML-1) RF-A Flow, in Conduit or thru plant Year Round | Reported | | | | | | | | N/A | mgd | | | 1/week | measured |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | | | | | | |
| 00310 (ML-1) RF-A BOD, 5-Day 20 Deg C Year Round | Reported | | | Lbs/Day | | | | | N/A | mg/l | | | 1/week | 24 hr Composite |
| | Permit Limits | 866 Avg. Monthly | 2313 Max. Daily | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | | | | | | |
| 00530 (ML-2) RF-A Total Suspended Solids Year Round | Reported | | | Lbs/Day | | | | | N/A | mg/l | | | 1/week | Calculated |
| | Permit Limits | 1197 Avg. Monthly | 3878 Max. Daily | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | | | | | | |
| 00530 (ML-1) RF-A Total Suspended Solids Year Round | Reported | | | Lbs/Day | | | | | N/A | mg/l | | | 1/week | 24 hr Composite |
| | Permit Limits | Rpt Only Avg. Monthly | Rpt Only Max. Daily | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | | | | | | |
| 00530 (ML-7) RF-A Total Suspended Solids Year Round | Reported | | | Lbs/Day | | | | | N/A | mg/l | | | 1/week | 24 hr Composite |
| | Permit Limits | Rpt Only Avg. Monthly | Rpt Only Max. Daily | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | | | | | | |

* CEL = Compliance Evaluation Level

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|-------------------------------------|--|--|--|
| Name of Principal Executive Officer | I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of a fine and imprisonment for knowing violations. | Date Completed | |
| | | Signature of Principal Executive Officer or Authorized Agent | |
| Title of Officer | | | |

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Permit Limits

FACILITY NAME: (Internal Outlet 305) THE CHEMOURS COMPANY FC, LLC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: WASHINGTON; Wood County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0001279305

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

| Parameter | | Quantity | | | | Other Units | | | | | | Measurement Frequency | Sample Type |
|--------------------------------|---------------|----------|-----|-------|------|-------------|--------------|------------|------|-------|------|-----------------------|-------------|
| | | | | Units | N.E. | | | | CEL* | Units | N.E. | | |
| 50050 (ML-1) RF-A | Reported | | | | | | | | | | | | |
| Flow in Conduit or thru plant | Permit Limits | N/A | N/A | | | N/A | Rpt Only | Rpt Only | N/A | mgd | | 1/week | Estimated |
| Year Round | | | | | | | Avg. Monthly | Max. Daily | | | | | |
| Interim: 9/1/2018 to 8/31/2019 | | | | | | | | | | | | | |
| 50050 (ML-1) RF-A | Reported | | | | | | | | | | | | |
| Flow in Conduit or thru plant | Permit Limits | N/A | N/A | | | N/A | Rpt Only | Rpt Only | N/A | mgd | | 1/week | measured |
| Year Round | | | | | | | Avg. Monthly | Max. Daily | | | | | |
| Final: 01/02/1900 to 7/29/2023 | | | | | | | | | | | | | |

* CEL = Compliance Evaluation Level

| | | | |
|-------------------------------------|--|---|--|
| Name of Principal Executive Officer | I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of a fine and imprisonment for knowing violations. | Date Completed | |
| Title of Officer | | Signature of Principal Executive Officer or Authorized Agent <div style="border: 1px solid black; height: 40px; width: 100%;"></div> | |

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Permit Limits

FACILITY NAME: (Internal Outlet 405) THE CHEMOURS COMPANY FC, LLC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: WASHINGTON, Wood County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0001279

405

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

| Parameter | | Quantity | | | | Other Units | | | | CEL* | Units | N.E. | Measurement Frequency | Sample Type |
|--------------------------------|---------------|----------|-----|-------|------|-------------|--------------|------------|--|------|-------|------|-----------------------|-------------|
| | | | | Units | N.E. | | | | | | | | | |
| 50050 (ML-1) RF-A | Reported | | | | | | | | | | | | | |
| Flow, in Conduit or thru plant | Permit Limits | N/A | N/A | | | N/A | Rpt Only | Rpt Only | | N/A | mgd | | 1/week | Estimated |
| Year Round | | | | | | | Avg. Monthly | Max. Daily | | | | | | |
| Interim: 9/1/2018 to 8/31/2019 | | | | | | | | | | | | | | |
| 50050 (ML-1) RF-A | Reported | | | | | | | | | | | | | |
| Flow, in Conduit or thru plant | Permit Limits | N/A | N/A | | | N/A | Rpt Only | Rpt Only | | N/A | mgd | | 1/week | measured |
| Year Round | | | | | | | Avg. Monthly | Max. Daily | | | | | | |
| Final: 09/01/2019 to 7/29/2023 | | | | | | | | | | | | | | |

* CEL = Compliance Evaluation Level

| | | | |
|-------------------------------------|--|--|--|
| Name of Principal Executive Officer | I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of a fine and imprisonment for knowing violations. | Date Completed | |
| Title of Officer | | Signature of Principal Executive Officer or Authorized Agent | |
| | | | |

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Permit Limits

FACILITY NAME: (Internal Outlet 505) THE CHEMOURS COMPANY FC, LLC
 LOCATION OF FACILITY: WASHINGTON; Wood County
 PERMIT NO.: WV0001279 505
 WASTELOAD FOR THE MONTH OF: _____

CERTIFIED LABORATORY NAME: _____
 CERTIFIED LABORATORY ADDRESS: _____
 INDIVIDUAL PERFORMING ANALYSIS: _____

| Parameter | | Quantity | | | | Other Units | | | | | | Measurement Frequency | Sample Type |
|--------------------------------|---------------|----------|-----|-------|------|-------------|--------------|------------|------|-------|------|-----------------------|-------------|
| | | | | Units | N.E. | | | | CEL* | Units | N.E. | | |
| 50050 (ML-1) RF-A | Reported | | | | | | | | | | | | |
| Flow,In Conduit or thru plant | Permit Limits | N/A | N/A | | | N/A | Rpt Only | Rpt Only | N/A | mgd | | 1/week | Estimated |
| Year Round | | | | | | | Avg. Monthly | Max. Daily | | | | | |
| Interim: 9/1/2018 to 8/31/2019 | | | | | | | | | | | | | |
| 50050 (ML-1) RF-A | Reported | | | | | | | | | | | | |
| Flow,In Conduit or thru plant | Permit Limits | N/A | N/A | | | N/A | Rpt Only | Rpt Only | N/A | mgd | | 1/week | measured |
| Year Round | | | | | | | Avg. Monthly | Max. Daily | | | | | |
| Final: 09/01/2019 to 7/29/2023 | | | | | | | | | | | | | |

* CEL = Compliance Evaluation Level

| | | | |
|-------------------------------------|--|--|--|
| Name of Principal Executive Officer | I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of a fine and imprisonment for knowing violations. | Date Completed | |
| Title of Officer | | Signature of Principal Executive Officer or Authorized Agent | |

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

FACILITY NAME: (Internal Outlet 605) THE CHEMOURS COMPANY FC, LLC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: WASHINGTON; Wood County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0001279605

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

| Parameter | | Quantity | | | | Other Units | | | | CEL* | Units | N.E. | Measurement Frequency | Sample Type |
|---|---------------|----------|-----|-------|------|-------------|--------------------------|------------------------|--|------|-------|------|-----------------------|-------------|
| | | | | Units | N.E. | | | | | | | | | |
| 50050 (ML-1) RF-A Flow, in Conduit or thru plant Year Round Interim: 8/1/2018 to 8/31/2019 | Reported | | | | | | | | | N/A | mgd | | 1/week | Estimated |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | | | | | | |
| 50050 (ML-1) RF-A Flow, in Conduit or thru plant Year Round Final: 09/01/2019 to 7/29/2023 | Reported | | | | | | | | | N/A | mgd | | 1/week | measured |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | | | | | | |

* CEL = Compliance Evaluation Level

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|-------------------------------------|--|---|--|
| Name of Principal Executive Officer | I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of a fine and imprisonment for knowing violations. | Date Completed | |
| Title of Officer | | Signature of Principal Executive Officer or Authorized Agent <div style="border: 1px solid black; height: 40px; width: 100%;"></div> | |

NOTICE TO PERMITTEES

The 1999 regular session of the West Virginia legislature revised the Water Pollution Control Act, Chapter 22, Article 11, Section 10 of the Code of West Virginia relating to fees associated with permits. This section of the Code requires all holders of a State water pollution control permit or a national pollutant discharge elimination system permit to be assessed an annual permit fee, based upon rules promulgated by the Secretary of the Department of Environmental Protection. The Secretary has promulgated a final rule in accordance with the code revision to this effect and these rules were effective May 4, 2000. The rules establish an annual permit fee based upon the relative potential to degrade the waters of the State which, in most instances, relate to volume of discharge. However, for sewage facilities, the annual permit fee is based upon the number of customers served by the facility. You may contact the Secretary of State's Office, State Capitol Building, Charleston, WV 25305, to obtain a copy of the rules. The reference is Title 47, Legislative Rules, Department of Environmental Protection, Division of Water Resources, Series 26 Water Pollution Control Permit Fee Schedules.

Based upon the volume of discharge for which your facility is currently permitted, the number of customers served by your facility or for the category you fall within, pursuant to Section 7 of Title 47, Series 26, your annual permit fee is **\$5000.00**. This fee is due no later than the anniversary date of permit issuance in each year of the term of the permit or in the case of coverage under a general permit, the fee is due no later than the anniversary date of your coverage under the general permit. **You will be invoiced by this agency at the appropriate time for the fee.** Failure to submit the annual fee within ninety(90) days of the due date will render your permit void upon the date you are mailed a certified written notice to that effect.

**EMERGENCY RESPONSE SPILL ALERT SYSTEM
WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION**

REQUIREMENTS:

Title 47, Series 11, Section 2 of the West Virginia Legislative Rules, Environmental Protection, Water Resources - Waste Management, Effective July 1, 1994.

RESPONSIBILITY FOR REPORTING:

Each and every person who may cause or be responsible for any spill or accidental discharge of pollutants into the waters of the State shall give immediate notification to the Division of Water and Waste Management's Emergency Notification Number, 1-800-642-3074. Such notification shall set forth insofar as possible and as soon thereafter as practical the time and place of such spill or discharge, type or types and quantity or quantities of the material or materials therein, action or actions taken to stop such spill or discharge and to minimize the polluting effect thereof, the measure or measures taken or to be taken in order to prevent a recurrence of any such spill or discharge and such additional information as may be requested by the Division of Water and Waste Management. This also applies to spills to the waters of the State resulting from accidents to common carriers by highway, rail and water.

It shall be the responsibility of each industrial establishment or other entity discharging directly to a stream to have available the following information pertaining to those substances that are employed or handled in its operation in sufficiently large amounts as to constitute a hazard in case of an accidental spill or discharge into a public stream:

- (1) Potential toxicity in water to man, animals and aquatic life;
- (2) Details on analytical procedures for the quantitative estimation of such substances in water and
- (3) Suggestions on safeguards or other precautionary measures to nullify the toxic effects of a substance once it has gotten into a stream.

Failure to furnish such information as required by Section 14, Article 11, Chapter 22, Code of West Virginia may be punishable under Section 24, Article 11, Chapter 22, and/or Section 22, Article 11, Chapter 22, Code of West Virginia.

It shall be the responsibility of any person who causes or contributes in any way to the spill or accidental discharge of any pollutant or pollutants into State waters to immediately take any and all measures necessary to contain such spill or discharge. It shall further be the responsibility of such person to take any and all measures necessary to clean-up, remove and otherwise render such spill or discharge harmless to the waters of the State.

When the Director determines it necessary for the effective containment and abatement of spills and accidental discharges, the Director may require the person or persons responsible for such spill or discharge to monitor affected waters in a manner prescribed by the Director until the possibility of any adverse effect on the waters of the State no longer exists.

VOLUNTARY REPORTING BY LAW OFFICERS, U. S. COAST GUARD, LOCK MASTERS AND OTHERS:

In cases involving river and highway accidents where the responsible party may or may not be available to report the incident, law officers, U. S. Coast Guard, Lock Masters and other interested person(s) should make the report.

WHO TO CONTACT:

Notify the following number: **1-800-642-3074**

INFORMATION NEEDED:

- | | |
|--|---------------------------------------|
| - Source of spill or discharge | - Personnel at the scene |
| - Location of incident | - Actions initiated |
| - Time of incident | - Shipper/Manufacturer identification |
| - Material spilled or discharged | - Railcar/Truck identification number |
| - Amount spilled or discharged | - Container type |
| - Toxicity of material spilled or discharged | |

RIGHT OF APPEAL

Notice is hereby given of your right to appeal the terms and conditions of this permit which you are aggrieved by to the Environmental Quality Board by filing a NOTICE OF APPEAL on the form prescribed by such Board for this purpose, with the Board, in accordance with the provisions of Section 21, Article 11, Chapter 22 of the Code of West Virginia within thirty (30) days after the date of receipt of the above permit.

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF WATER AND WASTE MANAGEMENT

FACT SHEET ADDENDUM

1. NAME AND ADDRESS OF APPLICANT

THE CHEMOURS COMPANY FC, LLC
PO BOX 1217
WASHINGTON, WV 26181

2. NAME AND ADDRESS OF FACILITY

WASHINGTON WORKS
8480 DuPont Road
Washington, WV 26181

3. STATE NPDES APPLICATION NO. WV0001279

4. COUNTY Wood

RECEIVING STREAM Ohio River

5. PUBLIC NOTICE NO. L-38-18

COMMENT PERIOD: From 04/19/2018 To 05/19/2018

6. SIC CODE(s) 2821

Note: This is an addendum to the original FACT SHEET.
Only items changed in the permit are addressed in this addendum.

7. DESCRIPTION OF APPLICANT'S FACILITY OR ACTIVITY

Activity (revised)

Chemours Corporation FC, LLC owns and operates a polymer manufacturing facility at Washington, WV. The facility produces the following products: nylon resins, polyvinyl butyral resin, acrylic resins, fluorocarbon polymers and compounded plastics (SIC 2821; OCPSF Subpart D). The site also produces nylon fibers and resins (SIC 2824; OCPSF Subpart C), and polyacetal resins and formaldehyde (SIC 2821 / 2869; OCPSF Subpart E and F). Non-OCPSF production includes fluorocarbon monomers, fluorocarbon telomers and calcium fluoride.

The facility also operates and maintains a sewage treatment plant and all of the sanitary wastes from the facility are collected and treated here and the treated effluent is discharged via internal outlet 105 and then via outlet 005 to the Ohio River.

10. RATIONALE FOR PROPOSED EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

Outlet 005 - OCPSF Effluent Guidelines (Revised)

Outlet 005 is subject to OCPSF effluent limit guidelines (ELG) in 40 CFR 414. Out of the approximately 34 MGD of flow at Outlet 005, only 1.5 MGD of the wastewater gets biological treatment (Internal Outlet 105). Internal Outlet 105 also receives offsite wastewater from Kuraray (new Internal Outlet 125) and from a sanitary sewage package plant (new Internal Outlet 115). After treatment, the Internal Outlet 105 wastewater combines with additional 40 CFR 414 wastewaters from the Fluoroproducts West Unit (Internal Outlet 305), Polyacetal Resins (new Internal Outlet 405), Specialty Compounding (new Internal Outlet 505, E.I. DuPont de Nemours), and Fluoropolymers (new Internal Outlet 605). These wastewaters do not receive biological end of pipe treatment. The remaining wastewater is generated from non-contact

10. RATIONALE FOR PROPOSED EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS (continued)
cooling and other miscellaneous operations (new Internal Outlet 205).

Outlet 005 and its internal outlets are subject to 40 CFR Subpart D (Thermoplastic Resins), Subpart E (Thermosetting Resins), Subpart F (Commodity Organic Chemicals), Subpart I (Direct discharge point sources that use end-of-pipe biological treatment), and Subpart J (Direct discharge point sources that do not use end-of-pipe biological treatment). Due to the large amount of non-process wastewater that is generated at this outlet, BOD and TSS ELG limitations are being imposed at Internal Outlet 205 which is the sum of the individual manufacturing units (Internal Outlets 305, 405, 505, and 605) because the permittee does not currently have a means to sample Internal Outlets 305, 405, 505, and 605 separately. Subpart I and J ELG limitations are being imposed at Outlet 005 directly.

*****Outlet 005 Flow Calculations**

Total Outlet 005 Flow: 35.46 MGD (application)
Total Long Term Average Flow as Reported in DMRs = 34.67 MGD

Relative % of flow subject to 40 CFR 414 Subpart I: 4.87 %
Relative % of flow subject to 40 CFR 414 Subpart J: 11.16 %

*****Internal Outlet 105 Flow Calculations**

Total Internal Outlet 105 Flow: 1.63 MGD (application)
Total Long Term Average Flow as Reported in DMRs = 1.48 MGD

Relative % of flow subject to 40 CFR 414 Subpart D: 76.8 %
Relative % of flow subject to 40 CFR 414 Subpart E: 22 %
Relative % of flow subject to 40 CFR 414 Subpart F: 1.2 %
Relative % of flow subject to 40 CFR 414 Appendix A (Zn): 15.4 %

*****Internal Outlet 305 Flow Calculations**

Total Internal Outlet 305 Flow: 0.9 MGD (application)
Total Long Term Average Flow as Reported in DMRs = 0.071
Estimated Long Term Average Flow to 40 CFR 414 Subpart D and J: 0.074 MGD

*****New Internal Outlet 405 Flow Calculations**

Total Internal Outlet 405 Flow: 0.825 MGD (application)
Total Long Term Average Flow as Reported in DMRs = unknown (new Outlet)
Estimated Long Term Average Flow to 40 CFR 414 Subpart E and J: 0.855 MGD

*****New Internal Outlet 505 Flow Calculations (E.I. DuPont de Nemours)**

Total Internal Outlet 505 Flow: 0.337 MGD (application)
Total Long Term Average Flow as Reported in DMRs = unknown (new Outlet)
Estimated Long Term Average Flow to 40 CFR 414 Subpart D and J: 0.349 MGD

*****New Internal Outlet 605 Flow Calculations**

10. RATIONALE FOR PROPOSED EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS (continued)

Total Internal Outlet 605 Flow: 1.67 MGD (application)

Total Long Term Average Flow as Reported in DMRs = unknown (new Outlet)

Estimated Long Term Average Flow to 40 CFR 414 Subpart D and J: 1.73 MGD

In conformance with 40 CFR 122.44(a)(2), a monitoring waiver may be granted for those pollutants which the permittee can justify are not present in the discharge. The permittee has indicated that it does not manufacture or generate as a by-product many of the chemicals listed in the guideline (except 3,4-Benzofluoranthene, Chloroform, methyl chloride, methylene chloride, toluene, and trichloroethylene). Historical data has shown consistent non-detects for numerous pollutants and the waiver has been granted. However, this regulation does not waive the permit limitations for all applicable guideline-listed pollutants in 40 CFR 414 Subpart I and J. Therefore, a monitoring waiver is granted for the pollutants; however, the limitations shall remain in effect as indicated in the permit. The permittee must still sample the pollutants being granted a waiver as part of the required testing for the next permit renewal application.

The permittee has also certified that no chromium, lead, copper, or nickel metal bearing wastestreams or cyanide bearing wastestreams as listed in Appendix A of 40 CFR 414 Appendix A are used in the manufacturing processes.

***Internal Outlet 115 - Sanitary Wastewater

The permittee provided additional information indicating that full secondary treatment is not occurring at the package plant and that final treatment is provided from the Internal Outlet 105 WWTP which is subject to OCPSF requirements which already accounts for the sanitary flow. As such, this Internal Outlet is being eliminated from the permit. Existing monitoring at Outlet 005 for fecal coliform will be assessed in the future to determine whether fecal coliform limits are necessary.

***Internal Outlet 125 - Kuraray (Polyvinyl Resin)

The permittee accepts offsite wastewater from Kuraray for ultimate treatment and disposal in the Internal Outlet 105 biological treatment unit. Flow monitoring is imposed for mass balance purposes.

***Internal Outlet 205

Internal Outlet 205 serves as the compliance monitoring location for BOD and TSS technology based effluent limitations required under 40 CFR 414. Compliance with effluent guideline effluent limits are required to be imposed at the discharge location where the process wastewater is generated. In this case, certain process wastewaters generated from various units are represented by Internal Outlets 305, 405, 505, and 605 in this permit. Each of these units had their respective BOD and TSS limitations calculated. All wastewater from these internal outfalls combine and are dechlorinated and this location is being designated as Internal Outlet 205; however, there is no other treatment provided for these wastewaters even though they are subject to 40 CFR 414. Wastewater from Internal Outlet 205 ultimately mixes with wastewaters from Internal Outlet 105 prior to all of these wastewaters (Internal Outlet 105 and 205) discharging through Outlet 005 directly to the Ohio River. There is a significant amount of cooling water that is also mixed with wastewater from Internal Outlets 305, 405, 505, and 605 which is captured in monitoring at Internal Outlet 205. This is a concern due to the potential of the cooling water serving as dilution (masking) to achieve the effluent guideline limitations. This is further complicated because the permittee utilizes both groundwater and river water as its source of cooling water. Net TSS limitations have been developed and imposed at Internal Outlet 205 only because the permittee has indicated that it does not have a means to sample the individual units represented by Internal Outlets 305, 405, 505, and 605. Net limitations can only be considered if the source water is the same as the receiving water; therefore, the agency determined the relative percentage of flow of cooling water that comes from the river

10. RATIONALE FOR PROPOSED EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS (continued)

water intake for Internal Outlet 205. Net TSS calculated values are to be calculated in accordance with Section C.32 of the permit which defines the calculation which is a function of the discharge flow at Internal Outlet 205, the river water percentage, and the TSS gross values collected at Internal Outlet 205 and the river water intake. The prior permit imposed a similar concept at the main discharge from Outlet 005 after the other wastewaters from Internal Outlet 105 were mixed with it (although, the agency is unclear on the basis of the actual TSS effluent limitations imposed). The agency believes this is inappropriate as further mixing additional treated wastewaters from Internal Outlet 105 will further contribute to potential dilution (masking) to ensure compliance with the effluent guideline requirements of other units.

Calculations are attached to the Fact Sheet.

The agency reviewed effluent data for TRC at Outlet 001 and the permittee cannot consistently comply with the final effluent limitations. The agency has granted a two-year compliance schedule at Outlet 001 for TRC in the final permit.

WATER QUALITY BASED EFFLUENT LIMITATIONS

v 10.2

Chemours Washington Works

Outlet: 002

Stream: Ohio River

| | | | |
|----------------------|------|------------------------|------|
| Hardness (mg/l): | 109 | Instream Waste %: | 0.36 |
| Temperature (°C): | 27 | ZID: | 3.0 |
| pH: | 8.1 | CMZ: | 10.0 |
| Stream 1Q10 (CFS): | 5170 | HH CMZ: | 30.0 |
| Stream 7Q10 (CFS): | 6560 | HHA 1/2 Mile Rule CMZ: | 30.0 |
| Effluent Flow (MGD): | 12.1 | | |

| PARAMETER | Baseline Water Quality (mg/l) | Stream Background (mg/l) | End of Pipe WQC RP | RWC WQC RP | Average Monthly Limit (mg/l) | Maximum Daily Limit (mg/l) | Tier Protection Level |
|-----------------------|-------------------------------|--------------------------|--------------------|------------|------------------------------|----------------------------|-----------------------|
| Chloroform | NA | 0.0005 | Yes | No | Monitor | Monitor | Tier 1 |
| Trichloroethylene | NA | 0.0001 | No | No | Monitor | Monitor | Tier 1 |
| Benzo(b) Fluoranthene | NA | 0.00000038 | No Data | No Data | 0.00010298 | 0.00015023 | Tier 1 |
| PFOA | NA | 0.0000025 | Yes | Yes | 0.00203 | 0.00331 | Tier 1 |
| Methylene Chloride | NA | 0.00013 | No | No | Monitor | Monitor | Tier 1 |

| | |
|---|-----|
| Outfall discharges to Ohio River and is subject to ORSANCO Pollution Control Standards: | Yes |
| Outfall discharges to a Trout Stream: | No |
| Outfall discharges to a stream exempt from Human Health A Criteria: | No |
| Outfall discharges to a stream exempt from all Human Health Criteria: | No |
| Outfall discharges within 1/2 mile upstream of a public drinking water intake: | No |
| Outfall has limitations for at least one metal using a site specific translator: | No |
| Outfall has Tier 2.0 antidegradation limitations for at least one pollutant: | No |

WATER QUALITY BASED EFFLUENT LIMITATIONS

v 10.2

Chemours Washington Works

Outlet: 005

Stream: Ohio River

| | | | |
|----------------------|------|------------------------|------|
| Hardness (mg/l): | 109 | Instream Waste %: | 1.78 |
| Temperature (°C): | 27 | ZID: | 3.0 |
| pH: | 8.1 | CMZ: | 10.0 |
| Stream 1Q10 (CFS): | 5170 | HH CMZ: | 30.0 |
| Stream 7Q10 (CFS): | 6560 | HHA 1/2 Mile Rule CMZ: | 30.0 |
| Effluent Flow (MGD): | 60.4 | | |

| PARAMETER | Baseline Water Quality (mg/l) | Stream Background (mg/l) | End of Pipe WQC RP | RWC WQC RP | Average Monthly Limit (mg/l) | Maximum Daily Limit (mg/l) | Tier Protection Level |
|-----------------------|-------------------------------|--------------------------|--------------------|------------|------------------------------|----------------------------|-----------------------|
| Chloroform | NA | 0.0005 | Yes | No | Monitor | Monitor | Tier 1 |
| Benzo(b) Fluoranthene | NA | 0.00000038 | No Data | No Data | 0.00010298 | 0.00015023 | Tier 1 |
| PFOA | NA | 0.0000614 | Yes | Yes | 0.00032 | 0.00065 | Tier 1 |

| | |
|---|-----|
| Outfall discharges to Ohio River and is subject to ORSANCO Pollution Control Standards: | Yes |
| Outfall discharges to a Trout Stream: | No |
| Outfall discharges to a stream exempt from Human Health A Criteria: | No |
| Outfall discharges to a stream exempt from all Human Health Criteria: | No |
| Outfall discharges within 1/2 mile upstream of a public drinking water intake: | No |
| Outfall has limitations for at least one metal using a site specific translator: | No |
| Outfall has Tier 2.0 antidegradation limitations for at least one pollutant: | No |

Chemours Washington Works -- WV0001279
 Outlet 002 - Effluent Guideline Limitation Evaluation (40 CFR 414)

LTA Flow Outlet 002 6.06 mgd Combined WWTP (2015 through 2018)

| Pollutant | Sum of ELGs (lbs/day) | | Equivalent Conc. @ 002 (mg/l) | | Outlet 002 WQBELs (mg/l) | | Outlet 002 Permit Limits (mg/l) | |
|-----------------------|--------------------------|------------|----------------------------------|------------|-----------------------------|------------|------------------------------------|------------|
| | Mon. Ave. | Max. Daily | Mon. Ave. | Max. Daily | Mon. Ave. | Max. Daily | Mon. Ave. | Max. Daily |
| 3,4-benzofluoranthene | 0.308 | 0.739 | 0.006 | 0.015 | 0.000103 | 0.00016 | 0.0001030 | 0.0001500 |
| Chloroform | 1.71 | 5.00 | 0.034 | 0.099 | 0.164 | 0.345 | -- | -- |
| Methyl Chloride | 1.69 | 4.54 | 0.034 | 0.090 | -- | -- | -- | -- |
| Methylene Chloride | 0.554 | 2.62 | 0.011 | 0.052 | 0.134 | 0.188 | -- | -- |
| Toluene | 0.43 | 1.14 | 0.009 | 0.023 | 1.3 | 1.89 | -- | -- |
| Zinc | 0.00 | 0.00 | 0.000 | 0.000 | 0.185 | 0.371 | -- | -- |
| Trichloroethylene | 0.400 | 1.063 | 0.008 | 0.021 | 0.071 | 0.09 | -- | -- |
| pH | 6.0-9.0 Range | | 6.0-9.0 Range | | 6.0-9.0 Range | | 6.0-9.0 Range | |

40 CFR Suparts D, E, I, J - Outlet 005 - WV0001279

| | | | |
|---|---|-----------|------------------------|
| Specialty Polymer Compounding (E.I. Du Pont) | Subpart D, J | 0.33660 | Internal Outlet 505 |
| Polyacetal Resins (E.I. Du Pont) | Subpart E, J | 0.82490 | Internal Outlet 405 |
| | Main | 0.36120 | |
| | Steam Condensate | 0.46370 | |
| Fluoropolymers | Subpart D, J | 1.673 | Internal Outlet 605 |
| | Main | 0.303 | |
| | Steam Condensate | 0.01 | |
| | Process Water | 1.36 | |
| Fluoroproducts West (Oberlin Filters) | Subpart D, J | 0.90000 | Internal Outlet 305 |
| Internal Outlet 105 (WWTP) | | 1.62920 | |
| | Sanitary Sewer Subpart D, E, I | 0.10800 | Contaminated BOD & TSS |
| | Acrylic Resins Subpart D, I | 0.19400 | |
| | Filaments (Nylon Fibers) Subpart D, I | 0.03630 | |
| | Polyacetal Resins Subpart E, I | 0.29220 | |
| | Formaldehyde Subpart F, I | 0.01600 | |
| | Technical Labs Subpart D, E, I | 0.00330 | Contaminated BOD & TSS |
| | Research Labs Subpart D, E, I | 0.15000 | Contaminated BOD & TSS |
| | Zytel (Nylon Resins) Subpart D, I | 0.14110 | |
| | Haz Drum Process Subpart D, E, I | 0.02000 | Contaminated BOD & TSS |
| | Dry Run Leachate Subpart D, E, I | 0.02000 | Contaminated BOD & TSS |
| | Nylon Resins Subpart D, I | 0.07330 | |
| | Polyvinyl Resins (Kuraray) Subpart D, I | 0.57500 | |
| Total NCCW / Blowdown | | 28.02720 | Non-Process |
| | Specialty Polymer Compounding | 0.01080 | Non-Process |
| | Fluoropolymers East | 3.82900 | Non-Process |
| | Fluoropolymers West | 3.73000 | Non-Process |
| | Polyacetal Resins | 19.21200 | Non-Process |
| | Formadehyde Area CTB | 0.17300 | Non-Process |
| | P&S | 0.61600 | Non-Process |
| | WWTP (Acrylic) | 0.04300 | Non-Process |
| | WWTP (Polyvinyl) | 0.01000 | Non-Process |
| | WWTP (Formadehyde) | 0.00400 | Non-Process |
| | Technical Labs | 0.16260 | Non-Process |
| | Research Labs | 0.18100 | Non-Process |
| | Nylon Resins | 0.05580 | Non-Process |
| Uncontaminated Stormwater (017/018 to 037 to 005) | | 0.01150 | Non-Process |
| Drainage Area Stormwater | | 0.05330 | Non-Process |
| Total Flow Outlet 005 | | 33.46 mgd | |
| Long Term Average Flow Outlet 005 (2015 to 2018) | | 34.67 mgd | |
| Ratio | | 1.04 | |
| Total Flow from Internal Outlet 105 | | 1.63 mgd | |
| Long Term Average Flow at 105 (2015 to 2018) | | 1.48 mgd | |
| Ratio D Flows | | 0.77 | |
| Ratio E Flows | | 0.22 | |
| Ratio F Flows | | 0.01 | |
| Flow subject to 40 CFR 414, Subpart D | | 1.25 mgd | |
| Flow subject to 40 CFR 414, Subpart E | | 0.36 mgd | |
| Flow subject to 40 CFR 414, Subpart F | | 0.02 mgd | |
| Flow subject to 40 CFR 414, Subpart I | | 1.63 mgd | |
| Flow subject to 40 CFR 414, Subpart J | | 3.73 mgd | |
| Metal Bearing Wastestream Flow (Zn) | | 0.25 mgd | |
| % 105 Flow subject to 40 CFR 414, Subpart D | | 76.79% | |
| % 105 Flow subject to 40 CFR 414, Subpart E | | 22.00% | |
| % 105 Flow subject to 40 CFR 414, Subpart F | | 1.20% | |
| % 005 Flow subject to 40 CFR 414, Subpart I | | 4.87% | |
| % 005 Flow subject to 40 CFR 414, Subpart J | | 11.16% | |
| % 105 Metal Bearing Wastestream Flow (Zn) | | 15.39% | |

| Chemours Washington Works WV0001279 40 CFR 414 Subpart D and Subpart E and Subpart F | | | | | Internal Outlet 105 | | | |
|--|-------------------------------------|------------|-------------------------------------|------------|-------------------------------------|------------|--|------------|
| Outlet 005 (DMRs - 2015 to 2018) | | | | | 1.48 MGD | | | |
| % of flow subject to 414, Subpart D: | | | | | 76.79% | | | |
| % of flow subject to 414, Subpart E: | | | | | 22.00% | | | |
| % of flow subject to 414, Subpart F: | | | | | 1.20% | | | |
| 414 Subpart D LTA Flow: | | | | | 1.136 MGD | | | |
| 414 Subpart E LTA Flow: | | | | | 0.326 MGD | | | |
| 415 Subpart F LTA Flow: | | | | | 0.018 MGD | | | |
| Pollutant | BPT Factors 40 CFR 414.41 (mg/l) | | BPT Factors 40 CFR 414.61 (mg/l) | | BPT Factors 41 CFR 414.61 (mg/l) | | Effluent Guideline Limits (lbs/day) | |
| | Mon. Ave. | Max. Daily | Mon. Ave. | Max. Daily | Mon. Ave. | Max. Daily | Mon. Ave. | Max. Daily |
| BOD5 | 24 | 64 | 61 | 163 | 30 | 80 | 398 | 1061 |
| TSS | 40 | 130 | 67 | 216 | 46 | 149 | 566 | 1841 |
| pH | 6.0-9.0 Range | | 6.0-9.0 Range | | 6.0-9.0 Range | | 6.0-9.0 Range | |

| Chemours Washington Works WV0001279 40 CFR 414 Subpart D | | | | | Internal Outlet 305 | | | |
|--|-------------------------------------|------------|--|------------|---------------------|--|--|--|
| Outlet 305 (DMRs - 2013 to 2018) | | | | | 0.071 MGD | | | |
| % of flow subject to 414, Subpart D: | | | | | 100.00% | | | |
| 414 Subpart D LTA Flow: | | | | | 0.074 MGD | | | |
| Pollutant | BPT Factors 40 CFR 414.41 (mg/l) | | Effluent Guideline Limits (lbs/day) | | | | | |
| | Mon. Ave. | Max. Daily | Mon. Ave. | Max. Daily | | | | |
| BOD5 | 24 | 64 | 15 | 39 | | | | |
| TSS | 40 | 130 | 25 | 80 | | | | |
| pH | 6.0-9.0 Range | | 6.0-9.0 Range | | | | | |

| Chemours Washington Works WV0001279 40 CFR 414 Subpart E | | | | | Internal Outlet 405 | | | |
|--|-------------------------------------|------------|--|------------|---------------------|--|--|--|
| Outlet 405 (From Application) | | | | | 0.8249 MGD | | | |
| % of flow subject to 414, Subpart D: | | | | | 100.00% | | | |
| 414 Subpart D LTA Flow: | | | | | 0.855 MGD | | | |
| Pollutant | BPT Factors 40 CFR 414.61 (mg/l) | | Effluent Guideline Limits (lbs/day) | | | | | |
| | Mon. Ave. | Max. Daily | Mon. Ave. | Max. Daily | | | | |
| BOD5 | 61 | 163 | 435 | 1162 | | | | |
| TSS | 67 | 216 | 478 | 1540 | | | | |
| pH | 6.0-9.0 Range | | 6.0-9.0 Range | | | | | |

| Chemours Washington Works WV0001279 40 CFR 414 Subpart D and Subpart E | | | Internal Outlet 205 (Sum of 305, 405, 505, 605) | |
|--|--|------------|--|--|
| Pollutant | Effluent Guideline Limits (lbs/day) | | | |
| | Mon. Ave. | Max. Daily | | |
| BOD5 | 866 | 2313 | | |
| TSS | 1197 | 3878 | | |
| pH | 6.0-9.0 Range | | | |

| Chemours Washington Works WV0001279 40 CFR 414 Subpart D | | | | | Internal Outlet 505 | | | |
|--|-------------------------------------|------------|--|------------|---------------------|--|--|--|
| Outlet 505 (From Application) | | | | | 0.3366 MGD | | | |
| % of flow subject to 414, Subpart D: | | | | | 100.00% | | | |
| 414 Subpart D LTA Flow: | | | | | 0.349 MGD | | | |
| Pollutant | BPT Factors 40 CFR 414.41 (mg/l) | | Effluent Guideline Limits (lbs/day) | | | | | |
| | Mon. Ave. | Max. Daily | Mon. Ave. | Max. Daily | | | | |
| BOD5 | 24 | 64 | 70 | 186 | | | | |
| TSS | 40 | 130 | 116 | 578 | | | | |
| pH | 6.0-9.0 Range | | 6.0-9.0 Range | | | | | |

| Chemours Washington Works WV0001279 40 CFR 414 Subpart D | | | | | Internal Outlet 605 | | | |
|--|-------------------------------------|------------|--|------------|---------------------|--|--|--|
| Outlet 605 (From Application) | | | | | 1.673 MGD | | | |
| % of flow subject to 414, Subpart D: | | | | | 100.00% | | | |
| 414 Subpart D LTA Flow: | | | | | 1.734 MGD | | | |
| Pollutant | BPT Factors 40 CFR 414.41 (mg/l) | | Effluent Guideline Limits (lbs/day) | | | | | |
| | Mon. Ave. | Max. Daily | Mon. Ave. | Max. Daily | | | | |
| BOD5 | 24 | 64 | 347 | 925 | | | | |
| TSS | 40 | 130 | 578 | 1880 | | | | |
| pH | 6.0-9.0 Range | | 6.0-9.0 Range | | | | | |

Chemours Washington Works

WV0001279

40 CFR 414 Subpart I

Outlet 005

| | |
|--|------------|
| Outlet 105 (DMRs - 2015 to 2018) = | 1,480 MGD |
| Outlet 005 (DMRs - 2015 to 2018) = | 34,670 MGD |
| % of 005 flow subject to 414, Subpart I = | 4.87% |
| % of 105 flow subject to 414 Appendix A (Zn) = | 15.39% |
| 005 Process Wastewater subject to 414.91 (LTA) = | 1,688 MGD |
| 105 metal bearing wastestream (Nylon) = | 0.228 MGD |

| Effluent Characteristics | 40 CFR 414.91 - BAT Effluent Limitations | | | | Monitoring Wahner |
|-----------------------------|--|----------------------|--------------------------|-------------------------|----------------------|
| | Average Monthly (ug/l) | Max. daily (ug/l) | Avg Monthly (lbs/day) | Max. Daily (lbs/day) | |
| Acenaphthene | 22 | 59 | 0.310 | 0.831 | Y |
| Acenaphthylene | 22 | 59 | 0.310 | 0.831 | Y |
| Acrylonitrile | 96 | 242 | 1.552 | 3.408 | Y |
| Anthracene | 22 | 59 | 0.310 | 0.831 | Y |
| Benzene | 37 | 136 | 0.521 | 1.915 | Y |
| Benzo[a]anthracene | 22 | 59 | 0.310 | 0.831 | Y |
| 3,4-Benzofluoranthene | 23 | 61 | 0.324 | 0.859 | Y |
| Benzo[k]fluoranthene | 22 | 59 | 0.310 | 0.831 | Y |
| Benzo[a]pyrene | 23 | 61 | 0.324 | 0.859 | Y |
| Bis[2-ethylhexyl] phthalate | 103 | 279 | 1.450 | 3.929 | Y |
| Carbon Tetrachloride | 18 | 38 | 0.253 | 0.535 | Y |
| Chlorobenzene | 15 | 28 | 0.211 | 0.594 | Y |
| Chloroethane | 104 | 268 | 1.464 | 3.774 | Y |
| Chloroform | 21 | 46 | 0.296 | 0.648 | Y |
| 2-Chlorophenol | 31 | 98 | 0.437 | 1.380 | Y |
| Chrysene | 22 | 59 | 0.310 | 0.831 | Y |
| Di-n-butyl phthalate | 27 | 57 | 0.380 | 0.803 | Y |
| 1,2-Dichlorobenzene | 77 | 163 | 1.064 | 2.295 | Y |
| 1,3-Dichlorobenzene | 31 | 44 | 0.437 | 0.520 | Y |
| 1,4-Dichlorobenzene | 15 | 28 | 0.211 | 0.594 | Y |
| 1,1-Dichloroethane | 22 | 59 | 0.310 | 0.831 | Y |
| 1,2-Dichloroethane | 68 | 211 | 0.957 | 2.971 | Y |
| 1,1-Dichloroethylene | 16 | 25 | 0.225 | 0.352 | Y |
| 1,2-trans-Dichloroethylene | 21 | 54 | 0.296 | 0.760 | Y |
| 2,4-Dichlorophenol | 39 | 112 | 0.549 | 1.577 | Y |
| 1,2-Dichloropropane | 153 | 330 | 2.154 | 3.239 | Y |
| 1,3-Dichloropropylene | 29 | 44 | 0.408 | 0.620 | Y |
| Diethyl phthalate | 81 | 203 | 1.141 | 2.858 | Y |
| 2,4-Dimethylphenol | 18 | 36 | 0.253 | 0.507 | Y |
| Dimethyl phthalate | 19 | 47 | 0.268 | 0.662 | Y |
| 4,6-Dinitro-o-cresol | 78 | 277 | 1.098 | 3.900 | Y |
| 2,4-Dinitrophenol | 71 | 123 | 1.000 | 1.732 | Y |
| 2,4-Dinitrotoluene | 113 | 285 | 1.591 | 4.013 | Y |
| 2,6-Dinitrotoluene | 255 | 641 | 3.591 | 9.026 | Y |
| Ethylbenzene | 32 | 108 | 0.451 | 1.521 | Y |
| Fluoranthene | 25 | 68 | 0.352 | 0.957 | Y |
| Fluorene | 22 | 59 | 0.310 | 0.831 | Y |
| Hexachlorobenzene | 15 | 28 | 0.211 | 0.594 | Y |
| Hexachlorobutadiene | 20 | 49 | 0.282 | 0.690 | Y |
| Hexachloroethane | 21 | 54 | 0.296 | 0.760 | Y |
| Methyl Chloride | 86 | 180 | 1.211 | 2.575 | Y |
| Methylene Chloride | 40 | 89 | 0.563 | 1.259 | Y |
| Naphthalene | 22 | 59 | 0.310 | 0.831 | Y |
| Nitrobenzene | 27 | 68 | 0.380 | 0.957 | Y |
| 2-Nitrophenol | 41 | 69 | 0.577 | 0.972 | Y |
| 4-Nitrophenol | 72 | 124 | 1.014 | 1.746 | Y |
| Phenanthrene | 22 | 59 | 0.310 | 0.831 | Y |
| Phenol | 15 | 26 | 0.211 | 0.366 | Y |
| Pyrene | 25 | 67 | 0.352 | 0.943 | Y |
| Tetrachloroethylene | 22 | 56 | 0.310 | 0.789 | Y |
| Toluene | 26 | 80 | 0.386 | 1.126 | Y |
| Total Chromium | 1130 | 2770 | | | Y |
| Total Copper | 1450 | 3380 | | | Y |
| Total Cyanide | 420 | 1200 | | | Y |
| Total Lead | 320 | 690 | | | Y |
| Total Nickel | 1,690 | 3,980 | | | Y |
| Total Zinc (Imposed at 105) | 1,050 | 2,610 | 1.994 | 4.957 | Y |
| 1,2,4-Trichlorobenzene | 66 | 140 | 0.957 | 1.571 | Y |
| 1,1,2-Trichloroethane | 21 | 54 | 0.296 | 0.760 | Y |
| 1,1,2-Trichloroethane | 21 | 54 | 0.296 | 0.760 | Y |
| Trichloroethylene | 21 | 54 | 0.296 | 0.760 | Y |
| Vinyl Chloride | 104 | 268 | 1.464 | 3.774 | Y |

Chemours Washington Works
WV0001279
40 CFR 414 Subpart J

Outlet 005

Outlet 305 (DMRs - 2013 to 2018) = 34.670 MGD
 % of flow subject to 414, Subpart J = 11.16%
 Total Process Wastewater subject to 414.101 (LTA) = 3.870 MGD

| Effluent Characteristics | 40 CFR 414.101 - BAT Effluent Limitations | | | | Monitoring Waiver |
|-----------------------------|---|----------------------|--------------------------|-------------------------|----------------------|
| | Average Monthly (ug/l) | Max. daily (ug/l) | MASS | | |
| | | | Avg Monthly (lbs/day) | Max. Daily (lbs/day) | |
| Acenaphthene | 19 | 47 | 0.613 | 1.517 | Y |
| Acenaphthylene | 19 | 47 | 0.613 | 1.517 | Y |
| Acrylonitrile | 94 | 232 | 3.034 | 7.488 | Y |
| Anthracene | 19 | 47 | 0.613 | 1.517 | Y |
| Benzene | 57 | 134 | 1.840 | 4.325 | Y |
| Benzo(a)anthracene | 19 | 47 | 0.613 | 1.517 | Y |
| 3,4-Benzofluoranthene | 20 | 48 | 0.646 | 1.549 | |
| Benzo(k)fluoranthene | 19 | 47 | 0.613 | 1.517 | Y |
| Benzo(a)pyrene | 20 | 48 | 0.646 | 1.549 | Y |
| Bis(2-ethylhexyl) phthalate | 95 | 258 | 3.066 | 8.327 | Y |
| Carbon Tetrachloride | 142 | 380 | 4.583 | 12.265 | Y |
| Chlorobenzene | 142 | 380 | 4.583 | 12.265 | Y |
| Chloroethane | 110 | 295 | 3.550 | 9.521 | Y |
| Chloroform | 111 | 325 | 3.583 | 10.490 | |
| Chrysene | 19 | 47 | 0.613 | 1.517 | Y |
| Di-n-butyl phthalate | 20 | 49 | 0.646 | 1.388 | Y |
| 1,2-Dichlorobenzene | 196 | 794 | 6.326 | 25.627 | Y |
| 1,3-Dichlorobenzene | 142 | 380 | 4.583 | 12.265 | Y |
| 1,4-Dichlorobenzene | 142 | 380 | 4.583 | 12.265 | Y |
| 1,1-Dichloroethane | 22 | 59 | 0.710 | 1.904 | Y |
| 1,2-Dichloroethane | 180 | 574 | 5.810 | 18.527 | Y |
| 1,1-Dichloroethylene | 22 | 60 | 0.710 | 1.937 | Y |
| 1,2-trans-Dichloroethylene | 25 | 66 | 0.807 | 2.130 | Y |
| 1,2-Dichloropropane | 196 | 794 | 6.326 | 25.627 | Y |
| 1,3-Dichloropropylene | 196 | 794 | 6.326 | 25.627 | Y |
| Diethyl phthalate | 46 | 113 | 1.485 | 3.647 | Y |
| 2,4-Dimethylphenol | 19 | 47 | 0.613 | 1.517 | Y |
| Dimethyl phthalate | 19 | 47 | 0.613 | 1.517 | Y |
| 4,6-Dinitro-o-cresol | 78 | 277 | 2.518 | 8.941 | Y |
| 2,4-Dinitrophenol | 1207 | 4251 | 38.957 | 138.497 | Y |
| Ethylbenzene | 142 | 380 | 4.583 | 12.265 | Y |
| Fluoranthene | 22 | 54 | 0.710 | 1.748 | Y |
| Fluorene | 19 | 47 | 0.613 | 1.517 | Y |
| Hexachlorobenzene | 196 | 794 | 6.326 | 25.627 | Y |
| Hexachlorobutadiene | 142 | 380 | 4.583 | 12.265 | Y |
| Hexachloroethane | 196 | 794 | 6.326 | 25.627 | Y |
| Methyl Chloride | 110 | 295 | 3.550 | 9.521 | |
| Methylene Chloride | 36 | 170 | 1.182 | 5.487 | |
| Naphthalene | 19 | 47 | 0.613 | 1.517 | Y |
| Nitrobenzene | 2237 | 6402 | 72.202 | 206.632 | Y |
| 2-Nitrophenol | 65 | 231 | 2.098 | 7.456 | Y |
| 4-Nitrophenol | 162 | 576 | 5.229 | 18.591 | Y |
| Phenanthrene | 19 | 47 | 0.613 | 1.517 | Y |
| Phenol | 19 | 47 | 0.613 | 1.517 | Y |
| Pyrene | 20 | 48 | 0.646 | 1.549 | Y |
| Tetrachloroethylene | 52 | 164 | 1.678 | 5.293 | Y |
| Toluene | 28 | 74 | 0.904 | 2.388 | |
| Total Chromium | 1110 | 2770 | | | Y |
| Total Copper | 1450 | 3580 | | | Y |
| Total Cyanide | 420 | 1200 | | | Y |
| Total Lead | 320 | 890 | | | Y |
| Total Nickel | 1,690 | 3,980 | | | Y |
| Total Zinc | 1,050 | 2,610 | | | Y |
| 1,2,4-Trichlorobenzene | 196 | 794 | 6.326 | 25.627 | Y |
| 1,1,1-Trichloroethane | 22 | 59 | 0.710 | 1.904 | Y |
| 1,1,2-Trichloroethane | 32 | 127 | 1.033 | 4.099 | Y |
| Trichloroethylene | 26 | 69 | 0.839 | 2.227 | |
| Vinyl Chloride | 97 | 172 | 3.131 | 5.552 | Y |

| Effluent Characteristics | MASS | | Waiver? |
|-----------------------------|--------------------------|----------------------|---------|
| | Avg Monthly (lbs/day) | Max. Daily (lbs/day) | |
| Acenaphthene | 0.923 | 2.348 | Y |
| Acenaphthylene | 0.923 | 2.348 | Y |
| Acrylonitrile | 4.386 | 10.896 | Y |
| Anthracene | 0.923 | 2.348 | Y |
| Benzene | 2.361 | 6.240 | Y |
| Benzo(a)anthracene | 0.923 | 2.348 | Y |
| 3,4-Benzofluoranthene | 0.969 | 2.408 | |
| Benzo(k)fluoranthene | 0.923 | 2.348 | Y |
| Benzo(a)pyrene | 0.969 | 2.408 | Y |
| Bis(2-ethylhexyl) phthalate | 4.517 | 12.256 | Y |
| Carbon Tetrachloride | 4.837 | 12.800 | Y |
| Chlorobenzene | 4.794 | 12.659 | Y |
| Chloroethane | 5.015 | 13.295 | Y |
| Chloroform | 3.878 | 11.137 | |
| 2-Chlorophenol | 0.437 | 1.380 | Y |
| Chrysene | 0.923 | 2.348 | Y |
| Di-n-butyl phthalate | 1.026 | 2.190 | Y |
| 1,2-Dichlorobenzene | 7.410 | 27.922 | Y |
| 1,3-Dichlorobenzene | 5.020 | 12.885 | Y |
| 1,4-Dichlorobenzene | 4.794 | 12.659 | Y |
| 1,1-Dichloroethane | 1.020 | 2.735 | Y |
| 1,2-Dichloroethane | 6.767 | 21.498 | Y |
| 1,1-Dichloroethylene | 0.935 | 2.289 | Y |
| 1,2-trans-Dichloroethylene | 1.103 | 2.891 | Y |
| 2,4-Dichlorophenol | 0.549 | 1.577 | Y |
| 1,2-Dichloropropane | 8.480 | 28.866 | Y |
| 1,3-Dichloropropylene | 6.734 | 26.247 | Y |
| Diethyl phthalate | 2.625 | 6.506 | Y |
| 2,4-Dimethylphenol | 0.867 | 2.024 | Y |
| Dimethyl phthalate | 0.881 | 2.179 | Y |
| 4,6-Dinitro-o-cresol | 3.616 | 12.841 | Y |
| 2,4-Dinitrophenol | 39.957 | 140.229 | Y |
| 2,4-Dinitrotoluene | 1.591 | 4.013 | Y |
| 2,6-Dinitrotoluene | 3.591 | 9.026 | Y |
| Ethylbenzene | 5.034 | 13.786 | Y |
| Fluoranthene | 1.062 | 2.700 | Y |
| Fluorene | 0.923 | 2.348 | Y |
| Hexachlorobenzene | 6.537 | 26.022 | Y |
| Hexachlorobutadiene | 4.865 | 12.955 | Y |
| Hexachloroethane | 6.622 | 26.388 | Y |
| Methyl Chloride | 4.761 | 12.197 | |
| Methylene Chloride | 1.725 | 6.740 | |
| Naphthalene | 0.923 | 2.348 | Y |
| Nitrobenzene | 72.582 | 207.590 | Y |
| 2-Nitrophenol | 2.675 | 8.427 | Y |
| 4-Nitrophenol | 6.243 | 20.337 | Y |
| Phenanthrene | 0.923 | 2.348 | Y |
| Phenol | 0.824 | 1.883 | Y |
| Pyrene | 0.998 | 2.493 | Y |
| Tetrachloroethylene | 1.988 | 6.082 | Y |
| Toluene | 1.270 | 3.515 | |
| Total Chromium | | | Y |
| Total Copper | | | Y |
| Total Cyanide | | | Y |
| Total Lead | | | Y |
| Total Nickel | | | Y |
| Total Zinc (Imposed at 105) | 1.994 | 4.957 | |
| 1,2,4-Trichlorobenzene | 7.284 | 27.599 | Y |
| 1,1,1-Trichloroethane | 1.006 | 2.665 | Y |
| 1,1,2-Trichloroethane | 1.329 | 4.859 | Y |
| Trichloroethylene | 1.135 | 2.987 | |
| Vinyl Chloride | 4.595 | 9.325 | Y |

Chemours Washington Works -- WV0001279

Outlet 005 - Effluent Guideline Limitation Evaluation (40 CFR 414)

LTA Flow Outlet 005

34.67

mgd

Combined WWTP (2015 through 2018)

| Pollutant | Sum of ELGs (lbs/day) | | Equivalent Conc. @ 005 (mg/l) | | Outlet 005 WQBELs (mg/l) | | Outlet 005 Permit Limits (mg/l) | |
|-----------------------|--------------------------|------------|----------------------------------|------------|-----------------------------|------------|------------------------------------|------------|
| | Mon. Ave. | Max. Daily | Mon. Ave. | Max. Daily | Mon. Ave. | Max. Daily | Mon. Ave. | Max. Daily |
| 3,4-benzofluoranthene | 0.969 | 2.408 | 0.003 | 0.008 | 0.000103 | 0.00015 | 0.0001030 | 0.0001500 |
| Chloroform | 3.88 | 11.14 | 0.013 | 0.039 | 0.157 | 0.404 | -- | -- |
| Methyl Chloride | 4.76 | 12.20 | 0.016 | 0.042 | -- | -- | -- | -- |
| Methylene Chloride | 1.725 | 6.74 | 0.006 | 0.023 | 0.134 | 0.196 | -- | -- |
| Toluene | 1.27 | 3.51 | 0.004 | 0.012 | 1.3 | 1.89 | -- | -- |
| Trichloroethylene | 1.135 | 2.987 | 0.004 | 0.010 | 0.071 | 0.104 | -- | -- |
| pH | 6.0-9.0 Range | | 6.0-9.0 Range | | 6.0-9.0 Range | | 6.0-9.0 Range | |



west virginia department of environmental protection

Division of Water and Waste Management
601 57th Street SE
Charleston, WV 25304
Phone Number: (304) 926-0495
Fax Number: (304) 926-0496

Austin Caperton, Cabinet Secretary
www.dep.wv.gov

July 30, 2018

Robert J. Fehrenbacher
Chemours Company FC, LLC
P.O. Box 1217
Washington, WV 26181

CERTIFIED RETURN RECEIPT REQUESTED

Re: WV/NPDES Permit No. WV0001279

Dear Mr. Fehrenbacher:

Enclosed is ADMINISTRATIVE ORDER NUMBER 8797 dated the 30th day of July 2018. This action is based upon the investigation and recommendation of the West Virginia Department of Environmental Protection's (WVDEP) Permitting Program staff to address compliance with the terms and conditions of WV/NPDES Permit No. WV0001279.

Please review the terms and conditions of this Administrative Order carefully. Failure to comply with its terms and conditions could subject the facility to further enforcement action. If you wish to discuss this Administrative Order further or its terms and conditions, please contact John Lockhart, P.E. of my staff at the above address or call (304) 926-0499 Ext. 1028.

Sincerely,

A handwritten signature in dark ink, appearing to read 'S. G. Mandirola', is written over a light background.

Scott G. Mandirola
Director

SGM:jl

Enclosure(s)

cc: Env. Inspector Supervisor
EPA Region III

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west virginia department of environmental protection

Division of Water and Waste Management
601 57th Street SE
Charleston, WV 25304-2345
Telephone Number: (304) 926-0495
Fax Number: (304) 926-0463

Austin Caperton, Cabinet Secretary
www.dep.wv.gov

**ORDER
ISSUED UNDER THE
WATER POLLUTION CONTROL ACT
WEST VIRGINIA CODE, CHAPTER 22, ARTICLE 11**

TO: Chemours Company FC, LLC
P.O. Box 1217
Washington, WV 26181

ORDER NO.: 8797

DATE: July 30, 2018

INTRODUCTION

The following findings are made and Order issued to Chemours Company FC, LLC (herein after "permittee") pursuant to the authority vested in the Director of the Division of Water and Waste Management under Chapter 22, Article 11, Section 1 et seq. of the Code of West Virginia.

FINDINGS OF FACT

In support of this Order, the Director finds the following:

1. Chemours Company GC, LLC (permittee) owns and operates a polymer resins; compounded plastics; nylon fibers; formaldehyde; fluorocarbon polymers, monomers, telomers; and calcium fluoride manufacturing facility in Wood County, WV. The permittee was previously reissued WV/NPDES Permit No. WV0001279 on the 4th day of August 2003 to discharge treated process, cooling, storm water runoff, and other wastewater through Outlets 001 - 028 into the Ohio River in the vicinity of Mile Point 190.
2. WV/NPDES Permit No. WV0116581 was issued to the permittee in 2011 as part of the Riverbank Landfill Capping Project which is adjacent to the operations covered by WV/NPDES Permit No. WV0001279. The landfill was part of a historical waste management unit utilized at the facility in the 1950's and 1960's. During construction of the

Promoting a healthy environment.

capping project, the permittee had to eliminate, replace, and/or reroute storm water discharges covered under WV/NPDES WV0001279. WV/NPDES Permit No. WV0116581 ultimately resulted in the creation of Outlets 030-034 and 036-037 under said permit and eliminated Outlets 014, 015, 017, 018, 020, 021, 027, and 029 contained in WV/NPDES Permit No. WV0001279. Additionally, the permittee ultimately rerouted the storm water from Outlet 037 back to Outlet 005 covered by WV/NPDES Permit No. WV0001279.

3. WV/NPDES Permit Nos. WV0001279 and WV0116581 contained storm water benchmarks for iron, aluminum, and total suspended solids at Outlets 016, 019, 022, 025, 026, 030-034, and 036. Based on a review of DMRs, historical data indicates many storm water outfalls have exceeded benchmarks for aluminum, iron, and/or total suspended solids. Iron and aluminum have had exceedances at Outlets 016, 019, 022 (also TSS), 025, 026 (also TSS), 030-034, and 036. While exceeding benchmark values does not constitute a violation of the permit, failure to revise and implement changes to the storm water pollution prevention plan (SWPPP) in order to achieve benchmark values is a violation of these prior permits.
4. WV/NPDES Permit No. WV0001279 was reissued on the 30th day of July 2018 to discharge treated process, cooling, storm water runoff, and other wastewater through Outlets 001-036 into the Ohio River in the vicinity of Mile Point 190. As part of this permit reissuance, storm water Outlets 030-034 and 036 previously covered under WV/NPDES Permit No. WV0116581 are being covered under this permit and WV/NPDES Permit WV0116581 will be terminated.
5. The reissued WV/NPDES Permit No. WV0001279 contains effluent limitations for fecal coliform at Outlet 002. Based on a review of available effluent data, the permittee cannot currently comply with the final effluent limitations for fecal coliform at this outlet.

ORDER FOR COMPLIANCE

And now, therefore, in accordance with Chapter 22, Article 11, Section 1 et. Seq. of the WV Code, the permittee is hereby ORDERED to do the following:

1. The permittee shall immediately take measures to initiate compliance with all terms and conditions of the permit WV/NPDES No. WV0001279.
2. On or before October 31, 2018, the permittee shall submit to the Division of Water and Waste Management a corrective action plan which identifies the causes of the exceedances of the benchmark values, what actions have been taken in the past, and what revisions to the SWPPP will be made in order to achieve benchmark values. In addition, the permittee shall submit an updated and revised SWPPP.
3. The permittee shall submit quarterly progress reports identifying the revisions made to the SWPPP until the permittee achieves benchmark values for Outlets 016, 019, 022, 025, 026, 030-034, and 036 that shall ensure compliance with the terms and conditions of the permit.

4. The permittee shall come into compliance with the final NPDES permit effluent limitations for fecal coliform at Outlet 002 as soon as possible but no later than August 31, 2021. During this timeframe the permittee shall evaluate and take all necessary actions to come into compliance with the final permit effluent limitations for fecal coliform at Outlet 002.
5. The permittee shall submit a Plan of Action on or before October 31, 2018 outlining the measures the permittee will take to achieve the fecal coliform permit limitations at Outlet 002. The permittee shall submit semiannual progress reports thereafter summarizing the actions taken, and any additional actions to be taken in the future to ensure compliance with the final permit limitations for fecal coliform.
6. Final Fecal Coliform Limitations mean a monthly geometric mean limitation of no more than 200 counts/100 ml and a daily maximum limitation of no more than 400 counts/100 ml at Outlet 002. Interim Fecal Coliform Limitations mean a monthly geometric mean limitation of monitor only and a daily maximum limitation of monitor only at Outlet 002 through August 31, 2018. The permittee shall comply with the final fecal coliform limits as soon as possible but no later than September 1, 2021. Until that time, the permittee shall comply with the interim fecal coliform requirements at Outlet 002.

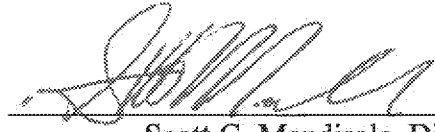
OTHER PROVISIONS

1. Compliance with the terms and conditions of this Order shall not in any way be construed as relieving the permittee of the obligation to comply with any applicable law, permit, other order, or any other requirement otherwise applicable. Violations of the terms and conditions of this Order may subject the permittee to additional enforcement action in accordance with the applicable law.
2. The provisions of this Order are severable and should a court or board of competent jurisdiction declare any provisions of this Order to be invalid or unenforceable, all other provisions shall remain in full force and effect.
3. This Order is binding on the permittee, its successors and assigns.
4. This Order shall terminate upon the permittee's notification of full compliance with the "Order for Compliance" and verification of this notification by WVDEP.

RIGHT OF APPEAL

Notice is hereby given of your right to appeal the terms and conditions of this Order which you are aggrieved to the Environmental Quality Board by filing a NOTICE of APPEAL on the form prescribed by such Board, in accordance with the provisions of Section 21, Article 11, Chapter 22 of the Code of West Virginia within thirty (30) days after receipt of this Order.

This Order shall become effective upon receipt.



Scott G. Mandirola, Director
Division of Water and Waste Management

SGM/jl

cc: Env. Insp. Supervisor
EPA Region III